


STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING				FORM 3 AMENDED REPORT <input checked="" type="checkbox"/>		
APPLICATION FOR PERMIT TO DRILL				1. WELL NAME and NUMBER DS 16G-20-10-18		
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				3. FIELD OR WILDCAT UTELAND BUTTE		
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO				5. UNIT or COMMUNITIZATION AGREEMENT NAME		
6. NAME OF OPERATOR QEP ENERGY COMPANY				7. OPERATOR PHONE 303 308-3068		
8. ADDRESS OF OPERATOR 11002 East 17500 South, Vernal, Ut, 84078				9. OPERATOR E-MAIL debbie.stanberry@questar.com		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-84264		11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')				14. SURFACE OWNER PHONE (if box 12 = 'fee')		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')				16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1083 FSL 706 FEL	SESE	20	10.0 S	18.0 E	S
Top of Uppermost Producing Zone	1083 FSL 706 FEL	SESE	20	10.0 S	18.0 E	S
At Total Depth	1083 FSL 706 FEL	SESE	20	10.0 S	18.0 E	S
21. COUNTY UINTAH		22. DISTANCE TO NEAREST LEASE LINE (Feet) 706		23. NUMBER OF ACRES IN DRILLING UNIT 160		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1250		26. PROPOSED DEPTH MD: 4850 TVD: 4850		
27. ELEVATION - GROUND LEVEL 5349		28. BOND NUMBER ESB000024		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE A36125 - 49-2153		
ATTACHMENTS						
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES						
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER			<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN			
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)			<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER			
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)			<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP			
NAME Jan Nelson		TITLE Permit Agent		PHONE 435 781-4331		
SIGNATURE		DATE 08/10/2010		EMAIL jan.nelson@questar.com		
API NUMBER ASSIGNED 43047512260000		APPROVAL  Permit Manager				

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	9.625	0	450		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	450	36.0			

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Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	5.5	0	4850		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	4850	15.5			

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QEP ENERGY COMPANY

DS 16G-20-10-18

New Vertical Well

Summarized Procedure

1. MIRU air rig.
2. Drill 12 1/4" surface hole to 450'±.
3. Run 9 5/8", 36#, J-55, STC casing and cement to surface.
4. RD air rig, move off location.
5. MIRU drilling rig.
6. NU rig's 3,000 WP rated BOP. Test BOP's and surface casing.
7. PU straight hole BHA, drill out surface casing and 10' of new formation, run FIT.
8. Drill 7 7/8" hole to 4,850'.
9. TOOH, MIRU Loggers.
10. Log from surface casing to TD.
11. RDMO Loggers.
12. TIH, Circulate.
13. TOOH & LDDP.
14. PU and run 5 1/2", 15.5#, J-55, LTC casing to 4,850', cement casing.
15. ND BOP's.
16. RDMOL.

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
DS 16G-20-10-18

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1 Approval of Operations on Onshore Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	1,200'
X-Marker	2,931'
Uteland Butte	4,473'
A Sand	4,518'
C Lime	4,644'
TD	4,850'

2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil	A Sand	4,518'
Oil	C Lime	4,644'

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
DS 16G-20-10-18

DRILLING PROGRAM

Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. Operator's Specification for Pressure Control Equipment:

- A. A 3,000 psi double gate, 3,000 psi annular BOP (schematic included) from surface casing point to total depth.
- B. Functional test daily.
- C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to the approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 3M system and individual components shall be operable as designed.

4. Casing Design:

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.	MW
17-1/2"	14"	sfc	40'	Steel	Cond.	None	Used	Air
12-1/4"	9-5/8"	sfc	450'	36.0	J-55	STC	New	Air
7-7/8"	5-1/2"	sfc	4,850'	15.5	J-55	LTC	New	8-9 ppg

Casing Strengths:				Collapse	Burst	Tensile (min)
9-5/8"	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb.
5-1/2"	15.5 lb.	J-55	LTC	4,040 psi	4,810 psi	217,000 lb.

MINIMUM DESIGN FACTORS:

COLLAPSE: 1.125
BURST: 1.10
TENSION: 1.80

ONSHORE OIL & GAS ORDER NO. 1
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DRILLING PROGRAM

Area Fracture Gradient: 0.7 psi/foot
Maximum anticipated mud weight: 9.5 ppg
Maximum surface treating pressure: 3,000 psi
Over pull margin (minimum): 100,000 lbs

5. Cementing Program

14" Conductor:

Cement to surface with construction cement.

9-5/8" Surface Casing: sfc – 450' (MD)

Lead/Tail Slurry: 0' – 450'. 160 sks (290 cu ft) Rockies LT cement + 0.25 lb/sk Kwik Seal + 0.125 lb/sk Poly-E-Flake. Slurry wt: 13.5 ppg, Slurry yield: 1.81 ft³/sk, Slurry volume: 12-1/4" hole + 100% excess.

5-1/2" Production Casing: sfc – 4,850' (MD)

Lead Slurry: 0' – 2,850'. 125 sks (480 cu ft) Halliburton Hi-Fill cement + 0.125 lb/sk Poly-E-Flake. Slurry wt: 11.0 ppg, Slurry yield: 3.84 ft³/sk, Slurry volume: 7-7/8" hole + 25% excess in open hole section.

Tail Slurry: 2,850' – 4,850'. 250 sks (304 cu ft) 50/50 Poz Premium + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 0.125 lb/sk Poly-E-Flake. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft³/sk, Slurry volume: 7-7/8" hole + 25% excess.

*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the production string. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

6. Auxiliary Equipment

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes
- F. Request for Variance

Drilling surface hole with air:

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
DS 16G-20-10-18

DRILLING PROGRAM

A variance from 43 CFR 3160 Onshore Oil and Gas Order #2, Section III Requirements, subsection E. Special Drilling Operations is requested for the specific operation of drilling and setting surface casing on the subject well with a truck mounted air rig. The variance from the following requirements of Order #2 is requested because surface casing depth for this well is 450 feet and high pressures are not expected.

1. **Properly lubricated and maintained rotating head** – A diverter system in place of a rotating head. The diverter system forces the air and cutting returns to the reserve pit and is used to drill the surface casing.
 2. **Blooie line discharge 100 feet from wellbore and securely anchored** – the blooie line discharge for this operation will be located 50 to 70 feet from the wellhead. This reduced length is necessary due to the smaller location size to minimize surface disturbance.
 3. **Automatic igniter or continuous pilot light on blooie line** – a diffuser will be used rather than an automatic pilot/igniter. Water is injected into the compressed air and eliminates the need for a pilot light and the need for dust suppression equipment.
 4. **Compressors located in the opposite direction from the blooie line a minimum of 100 feet from the wellbore** – compressors located within 50 feet on the opposite side of the wellbore from the blooie line and is equipped with a 1) emergency kill switch on the driller's console, 2) pressure relief valves on the compressors, 3) spark arrestors on the motors.
 5. **Kill Fluid to control well** – In lieu of having mud products on location to kill the well for an unanticipated kick, Questar will kill the well with water contained in a 400 bbl tank on site. The 400 bbl water tank will also be storage for surface casing cement water.
 6. **Deflector on the end of the blooie line** – Questar will mount a deflector unit at the end of the blooie line for the purpose of changing the direction and velocity of the air and cuttings flow into the reserve pit. Changing the velocity and direction of the cuttings and air will preserve the pit liner. In the event the deflector washes out due to erosion caused by the sand blasting effect of the cuttings, there will be no problem because the deflector is mounted on the very end of the blooie. A washed out deflector will be easily replaced.
 7. **Flare Pit** – there will be no need of a flare pit during the surface hole air drilling operation because the blooie line is routed directly to the reserve pit. When the big rig arrives for the main drilling after setting surface casing, a flare box will be installed and all flare lines will be routed to the flare box.
- G. All other operations and equipment for air/gas drilling shall meet specifications in Onshore Order #2, Section III Requirements, subsection E. Special Drilling Operations and Onshore Order #1.

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
DS 16G-20-10-18

DRILLING PROGRAM

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Production holes will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. Maximum anticipated mud weight is 9.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

7. **Testing, logging and coring program**

- A. Cores – none anticipated
- B. DST – none anticipated
- C. Logging – Mud logging – 450' to TD
GR-SP-Induction, Neutron Density
- D. Formation and Completion Interval: Green River intervals, final determination of completion will be made by analysis of logs.
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

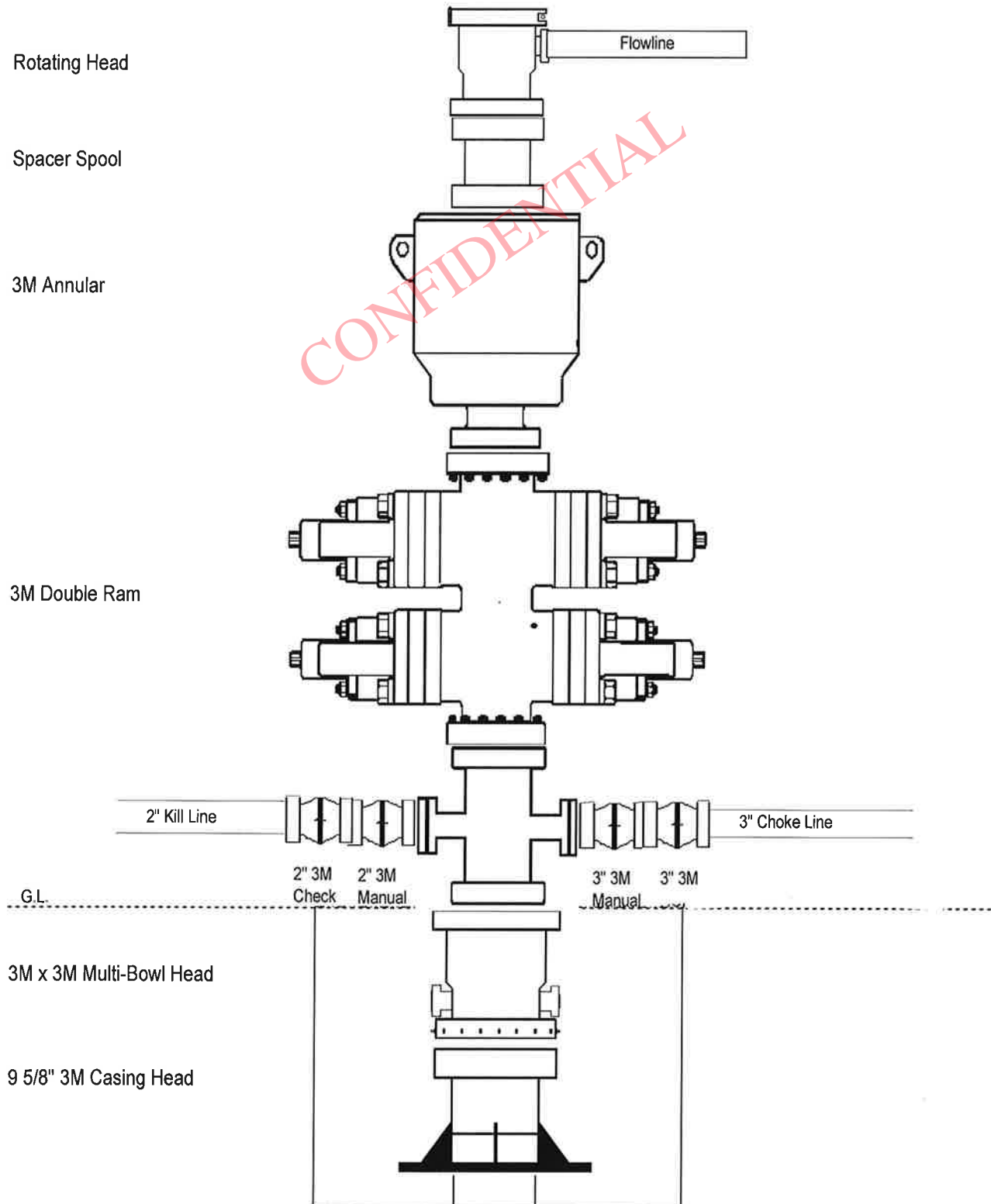
8. **Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards**

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 3,000 psi. Maximum anticipated bottom hole temperature is 135° F.

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
DS 16G-20-10-18

DRILLING PROGRAM

3M BOP STACK



The diagram illustrates a wellhead control system with the following components and flow paths:

- CHOKER LINE:** A line starting from the wellhead, passing through two 3" valves and a 3" MN (manometer) gauge.
- ADJUSTABLE CHOKE:** A valve used to regulate flow, located at the end of the choker line.
- Flow Paths:**
 - TO MUD GAS SEPARATOR AND OR PIT:** A line with a 2" MN gauge, branching from the main line.
 - BLEED LINE TO PIT:** A line with a 3" MN gauge, branching from the main line.
- Valves:** Various valves (represented by triangles and circles) are used to control flow between different sections of the system.

3M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY
[54 FR 39528, Sept. 27, 1989]

Modified 3-26-2010 CJL

DS 16G-20-10-18

API # 43-047

Proposed WBD

Uinta Basin

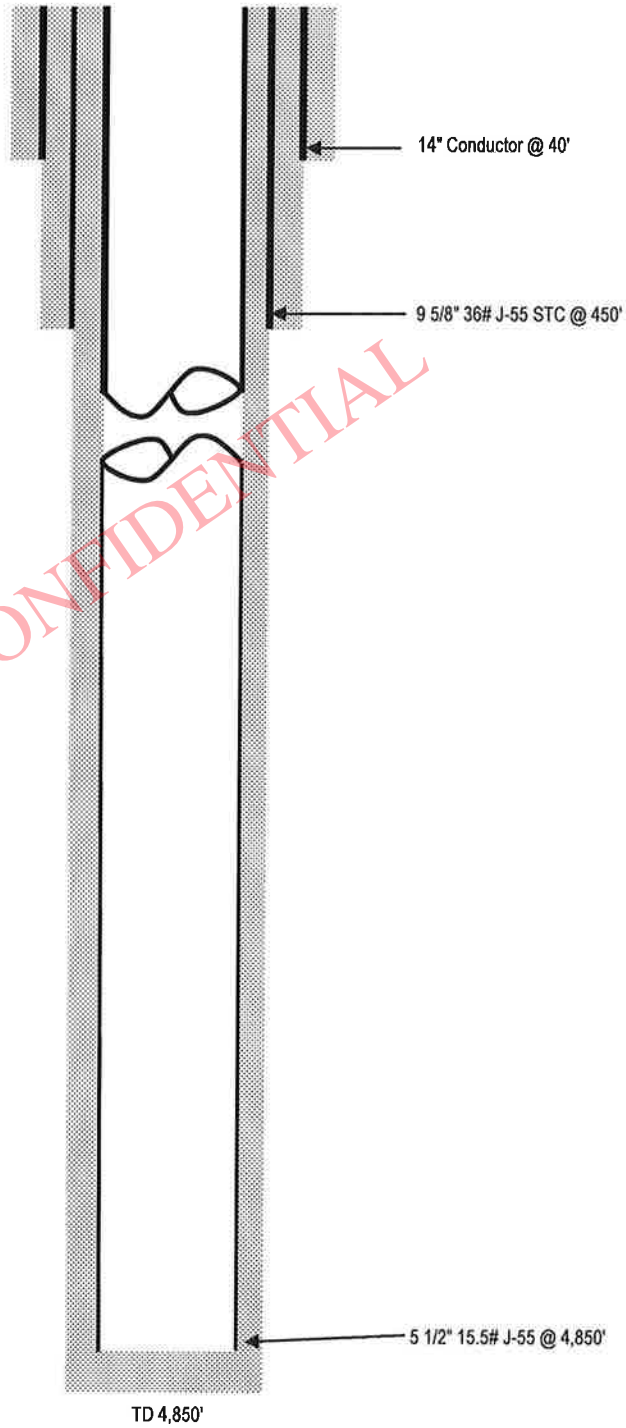
SESE Sec. 20, T10S-R18E, Uintah Co, UT

LOCATION: 1,083' FSL, 706' FEL

KB 5,353'

GL 5,349'

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T10S, R18E, S.L.B.&M.

QUESTAR EXPLR. & PROD.

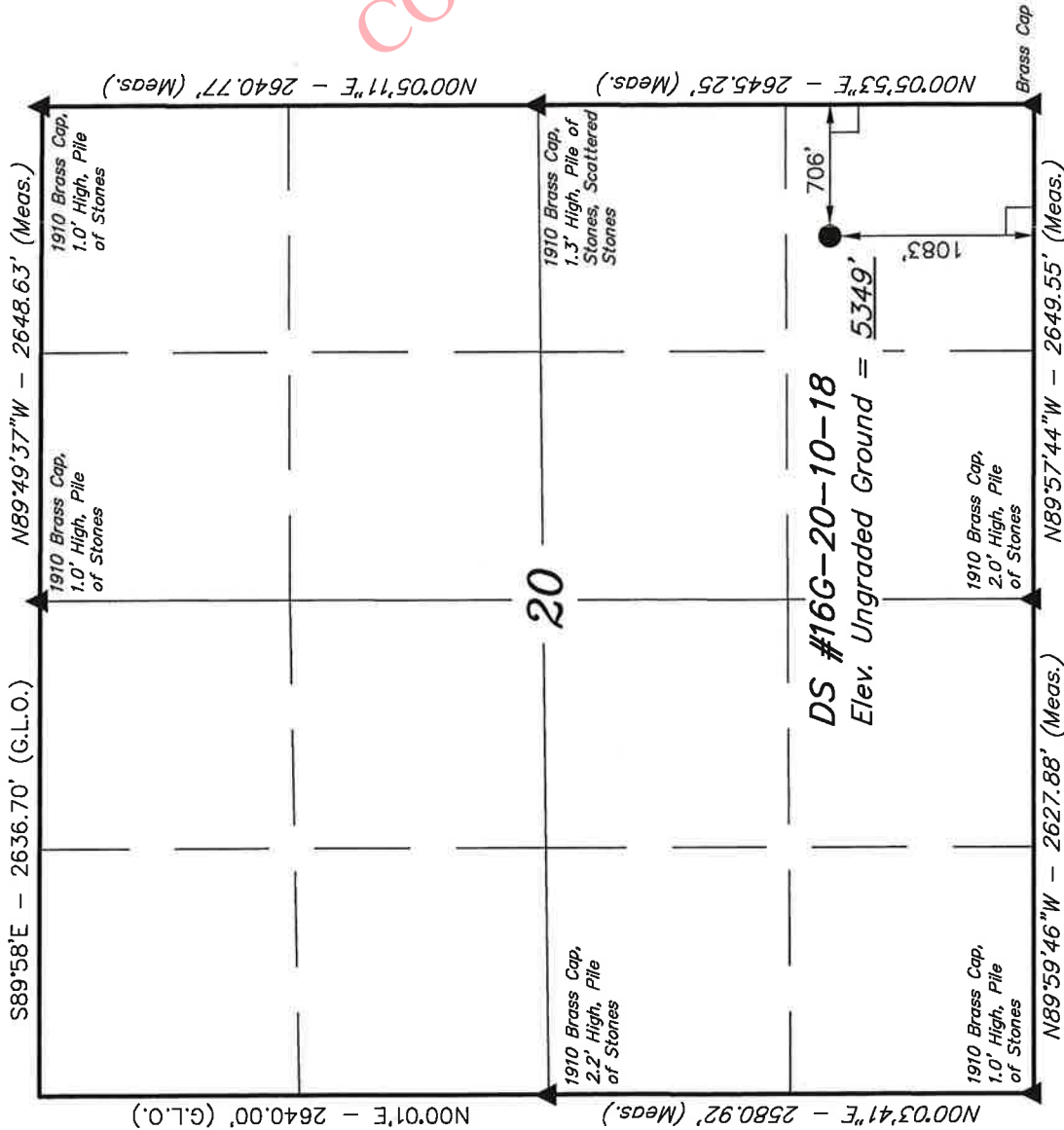
Well location, DS #16G-20-10-18, located as shown in the SE 1/4 SE 1/4 of Section 20, T10S, R18E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 14, T10S, R18E, S.L.B.&M. TAKEN FROM THE MOON BOTTOM QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5129 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

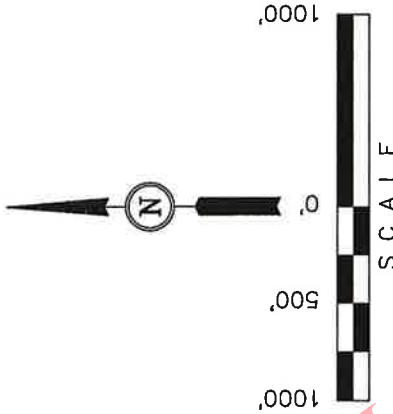


LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)
 LATITUDE = 39°55'30.53" (39.925147)
 LONGITUDE = 109°54'37.60" (109.910444)
 (NAD 27)
 LATITUDE = 39°55'30.66" (39.925183)
 LONGITUDE = 109°54'35.08" (109.909744)

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CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

[Signature]
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 02-26-10	DATE DRAWN: 03-02-10
PARTY M.A. C.K. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE	QUESTAR EXPLR. & PROD.

QUESTAR EXPLR. & PROD.

DS #16G-20-10-18

**LOCATED IN UINTAH COUNTY, UTAH
SECTION 20, T10S, R18E, S.L.B.&M.**



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

03 02 10
MONTH DAY YEAR

PHOTO

TAKEN BY: M.A.

DRAWN BY: J.H.

REVISED: 00-00-00

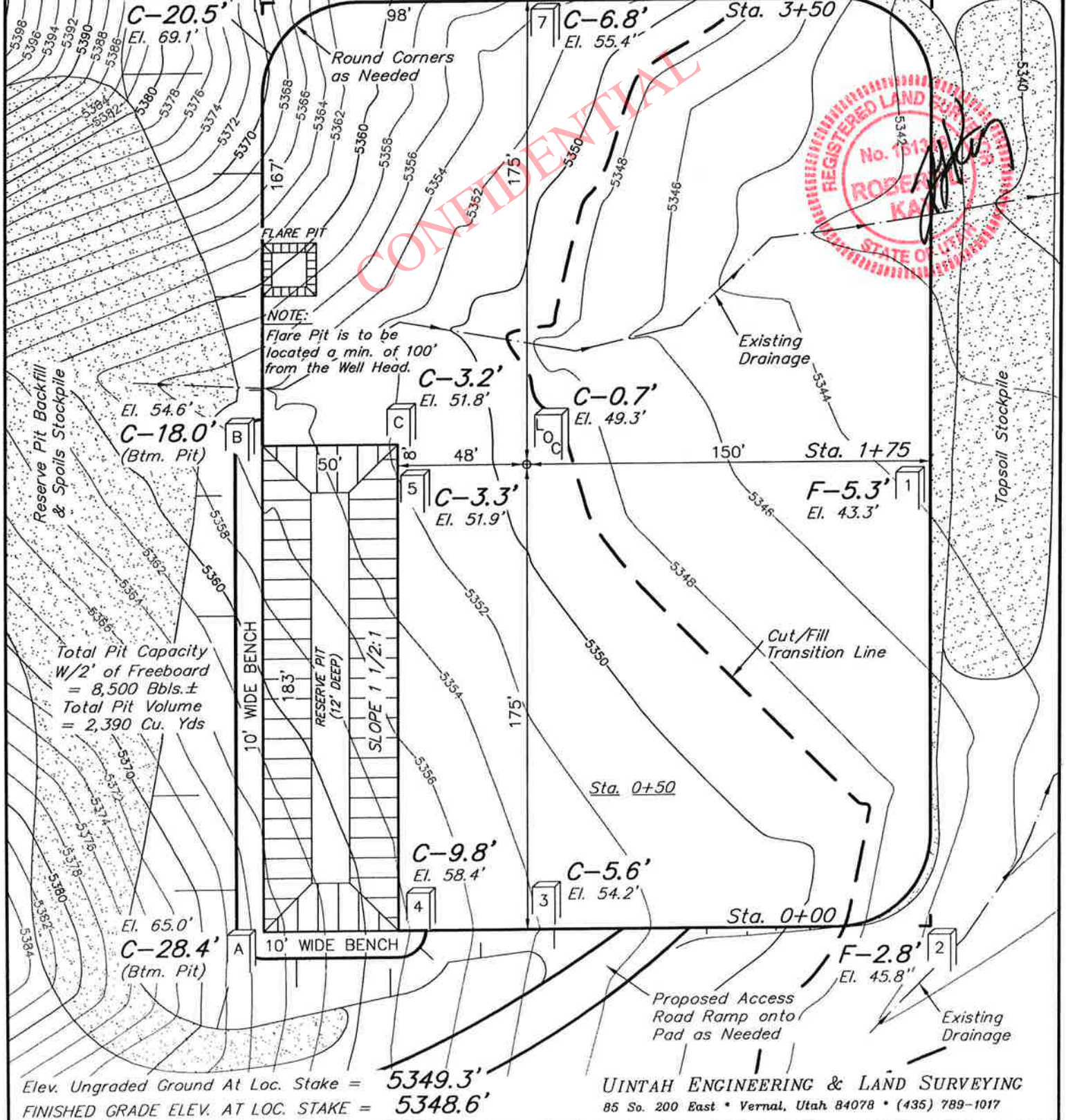
QUESTAR EXPLR. & PROD.

FIGURE #1

LOCATION LAYOUT FOR

DS #16G-20-10-18
SECTION 20, T10S, R18E, S.L.B.&M.
1083' FSL 706' FEL

SCALE: 1" = 50'
DATE: 03-02-10
DRAWN BY: K.G.
REVISED: 06-21-10



QUESTAR EXPLR. & PROD.

FIGURE #2

TYPICAL CROSS SECTION FOR

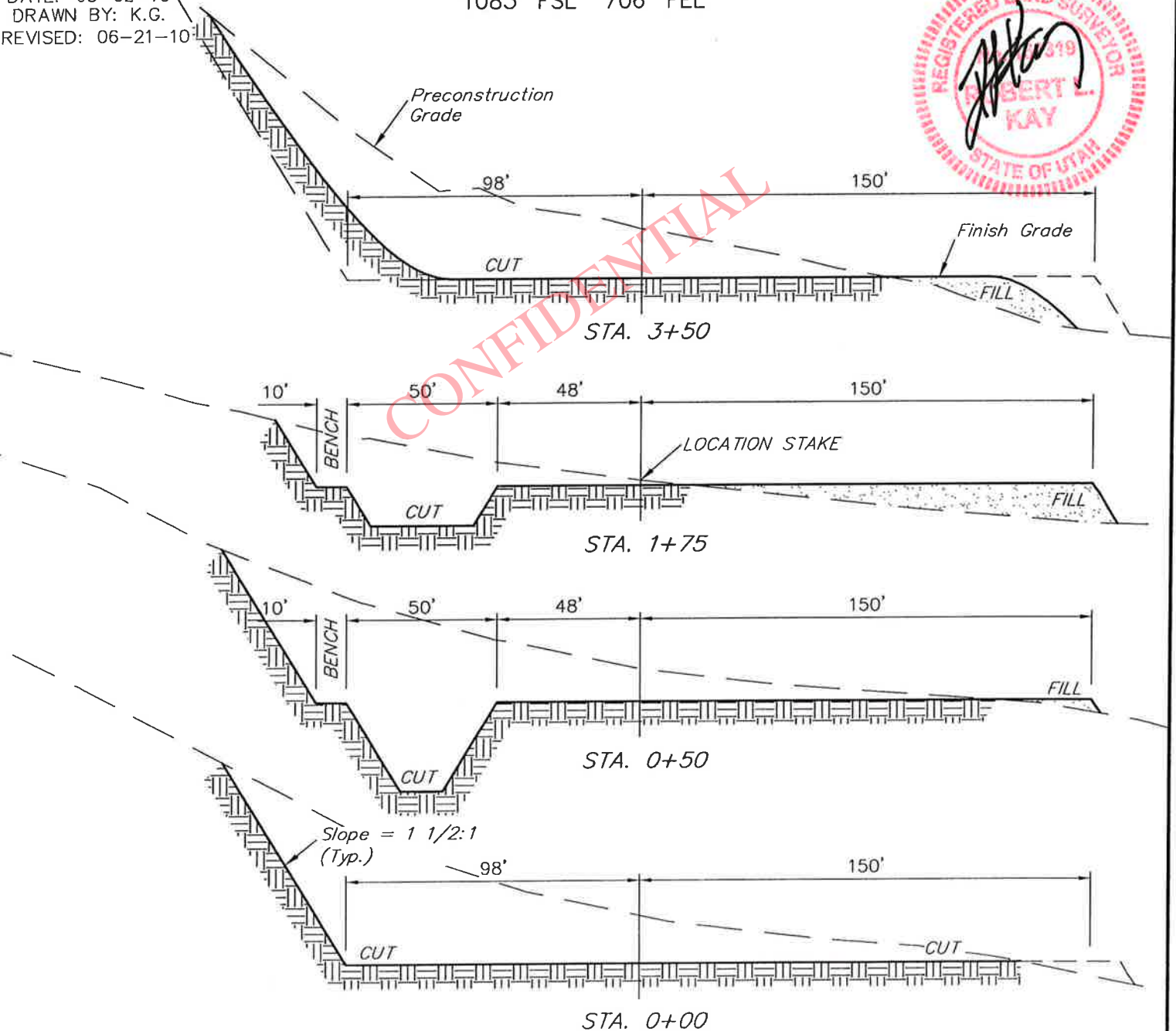
DS #16G-20-10-18

SECTION 20, T10S, R18E, S.L.B.&M.

1083' FSL 706' FEL

1" = 20'
X-Section
Scale
1" = 50'

DATE: 03-02-10
DRAWN BY: K.G.
REVISED: 06-21-10



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 3.414 ACRES
ACCESS ROAD DISTURBANCE = ± 1.858 ACRES
TOTAL = ± 5.272 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,100 Cu. Yds.
Remaining Location = 16,640 Cu. Yds.
TOTAL CUT = 18,740 CU.YDS.
FILL = 5,150 CU.YDS.

EXCESS MATERIAL = 13,590 Cu. Yds.
Topsoil & Pit Backfill = 3,300 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 10,290 Cu. Yds.
(After Interim Rehabilitation)

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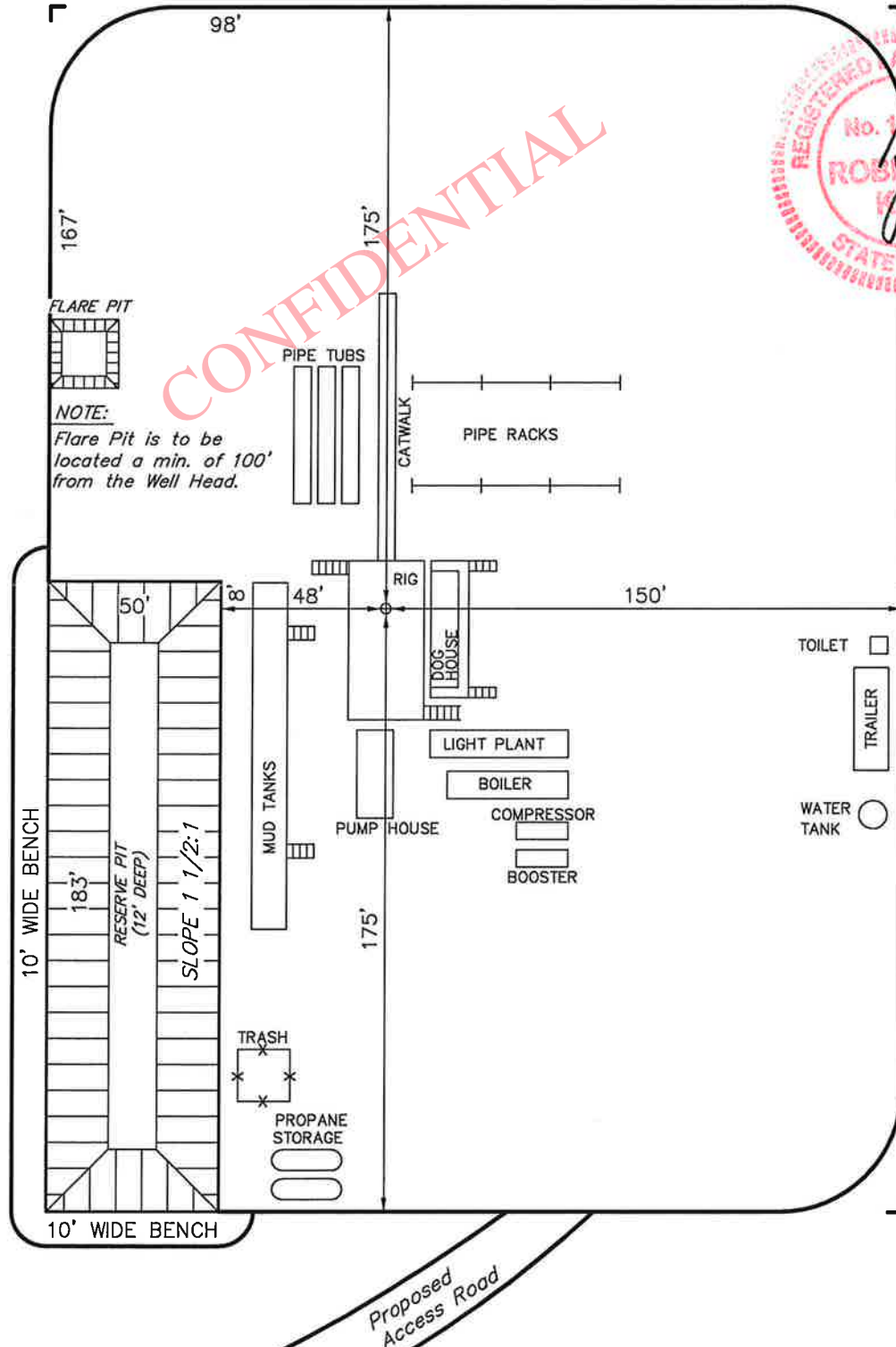
TYPICAL RIG LAYOUT FOR

DS #16G-20-10-18
SECTION 20, T10S, R18E, S.L.B.&M.
1083' FSL 706' FEL

FIGURE #3



SCALE: 1" = 50'
DATE: 03-02-10
DRAWN BY: K.G.



Total Pit Capacity
W/2' of Freeboard
= 8,500 Bbls.±
Total Pit Volume
= 2,390 Cu. Yds

QUESTAR EXPLR. & PROD.

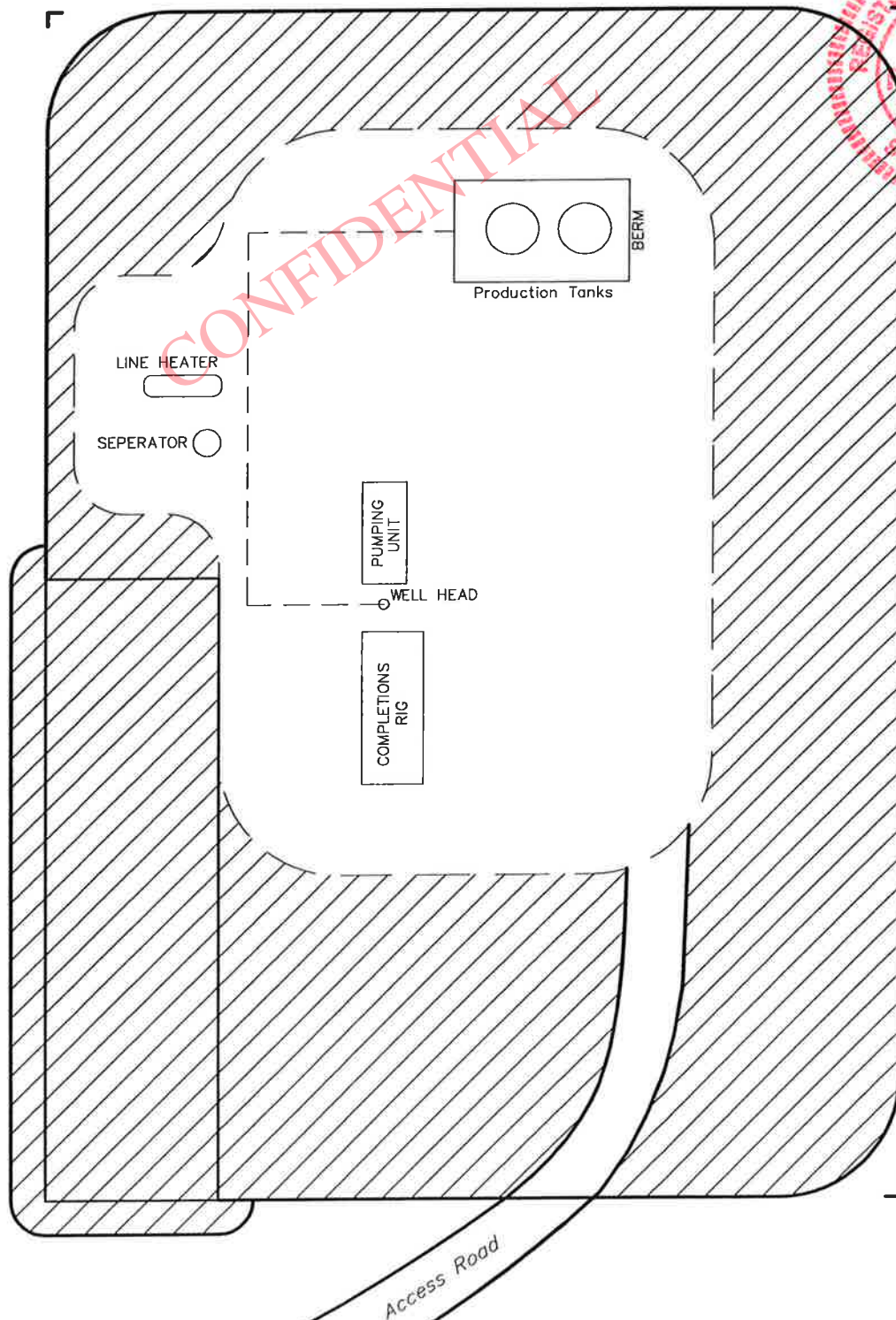
INTERIM RECLAMATION PLAN FOR


DS #16G-20-10-18
SECTION 20, T10S, R18E, S.L.B.&M.
1083' FSL 706' FEL

FIGURE #4



SCALE: 1" = 50'
DATE: 03-02-10
DRAWN BY: K.G.
REVISED: 06-21-10

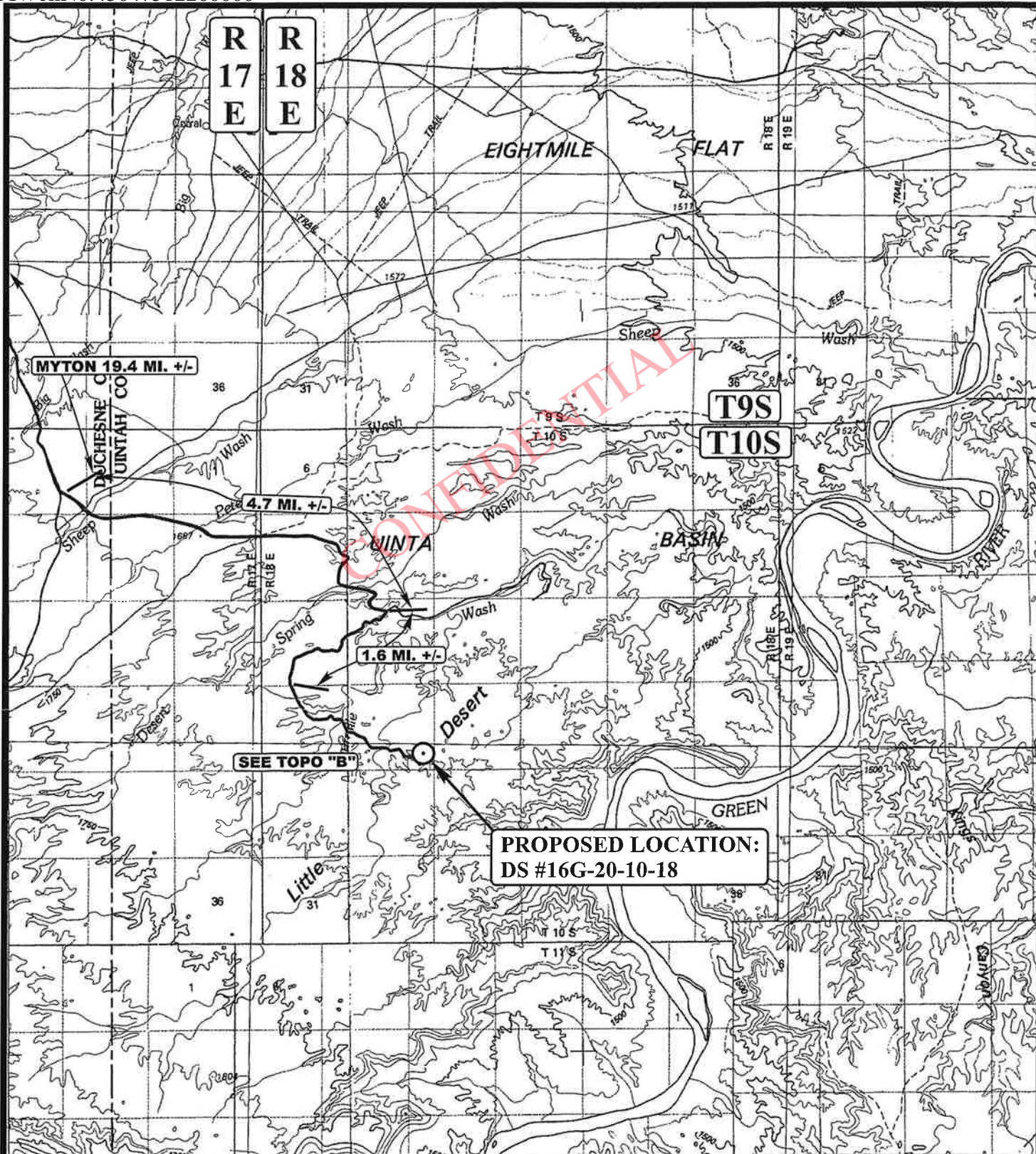


 RE-HABED AREA

QUESTAR EXPLR. & PROD.
DS #16G-20-10-18
SECTION 20, T10S, R18E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM MYTON, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 11.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 6.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 4.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 1.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING 2-TRACK TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 27.85 MILES.



LEGEND:

○ PROPOSED LOCATION

N



QUESTAR EXPLR, & PROD.

DS #16G-20-10-18
SECTION 20, T10S, R18E, S.L.B.&M.
1083' FSL 706' FEL



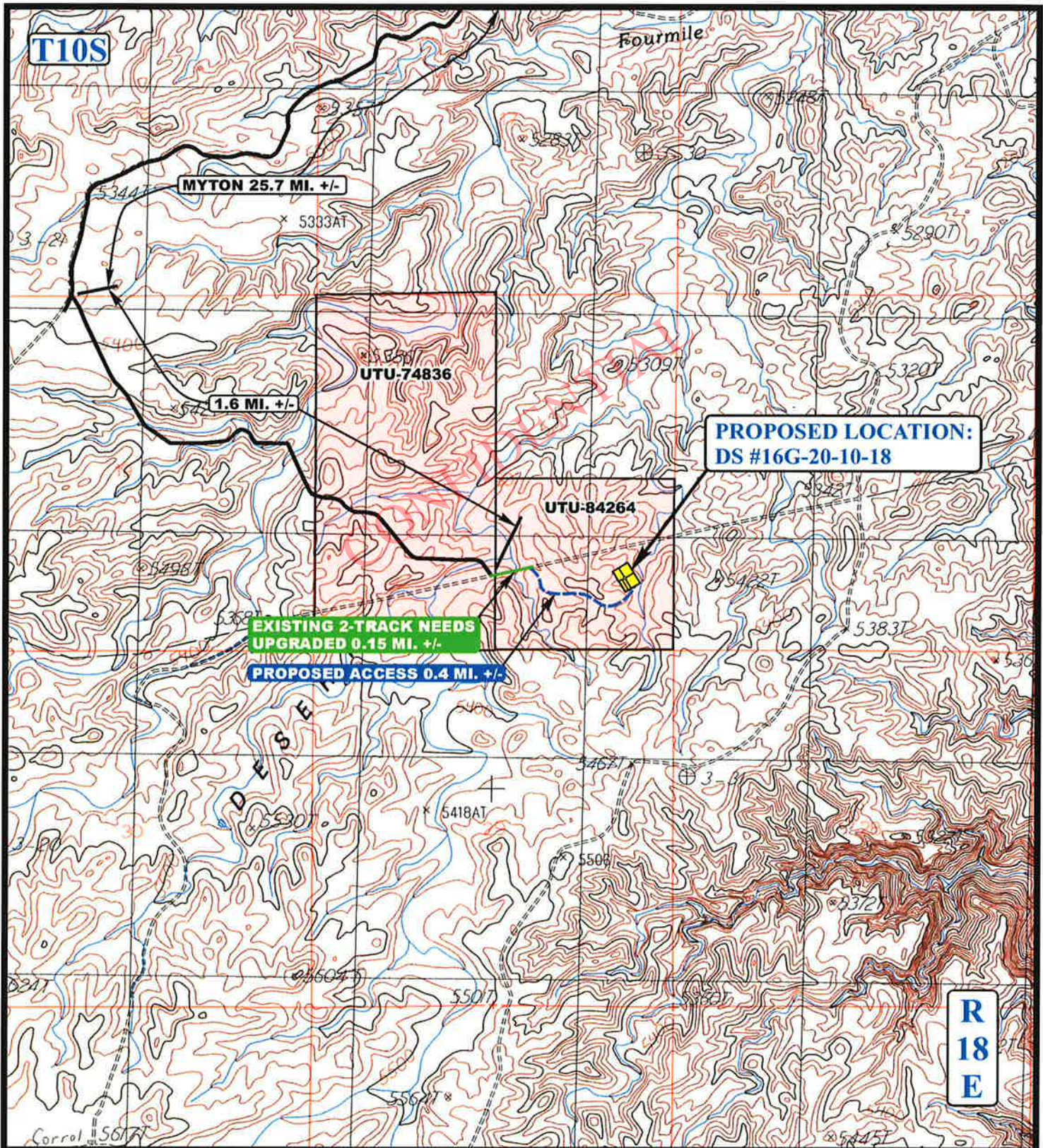
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TOPOGRAPHIC
MAP

03 02 10
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.H. REVISED: 00-00-00





LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- EXISTING 2-TRACK NEEDS UPGRADED



QUESTAR EXPLR, & PROD.

DS #16G-20-10-18
SECTION 20, T10S, R18E, S.L.B.&M.
1083' FSL 706' FEL



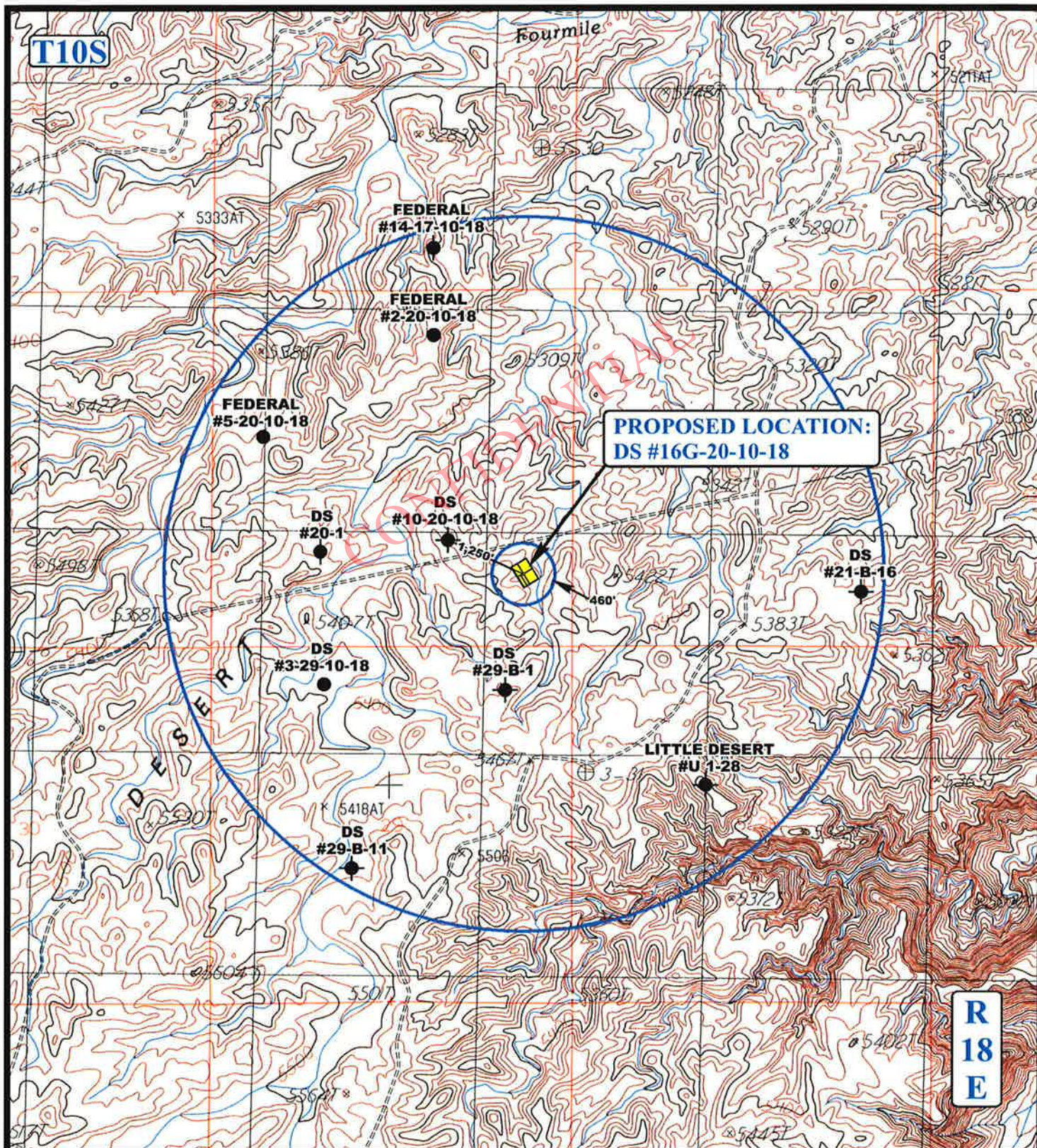
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TOPOGRAPHIC
MAP

03 **02** **10**
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.H. REVISED: 00-00-00





LEGEND:

- | | |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS | ♂ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |



QUESTAR EXPLR, & PROD.

DS #16G-20-10-18
SECTION 20, T10S, R18E, S.L.B.&M.
1083' FSL 706' FEL



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

03 02 10
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.H. REVISED: 00-00-00



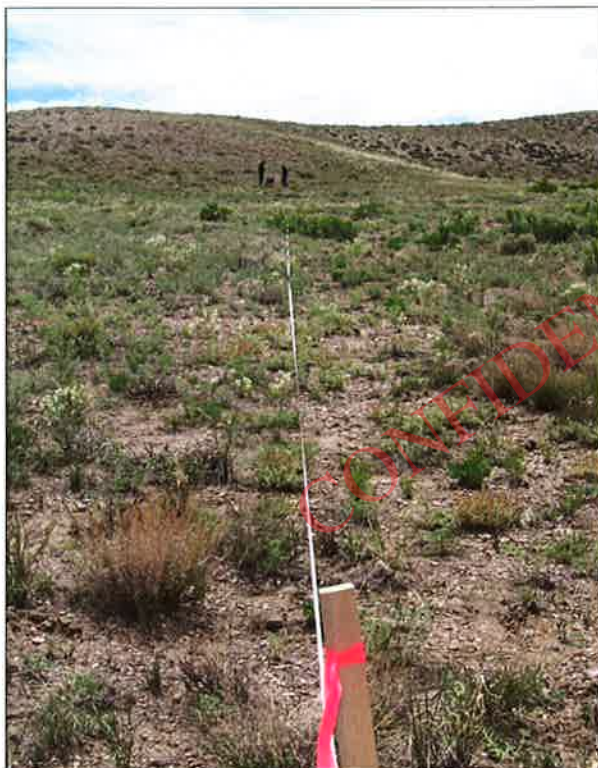
QUESTAR EXPLR. & PROD.

REFERENCE MAP: AREA OF VEGETATION

DS #16G-20-10-18

LOCATED IN UINTAH COUNTY, UTAH

SECTION 20, T10S, R18E, S.L.B.&M.



NOTE:

BEGINNING OF REFERENCE AREA

NAD 83 Z12 UTM NORTHING: 14500920.716

NAD 83 Z12 UTM EASTING: 1946055.611

(NAD 83) LATITUDE: 39.923987812

(NAD 83) LONGITUDE: -109.909850491

END OF REFERENCE AREA

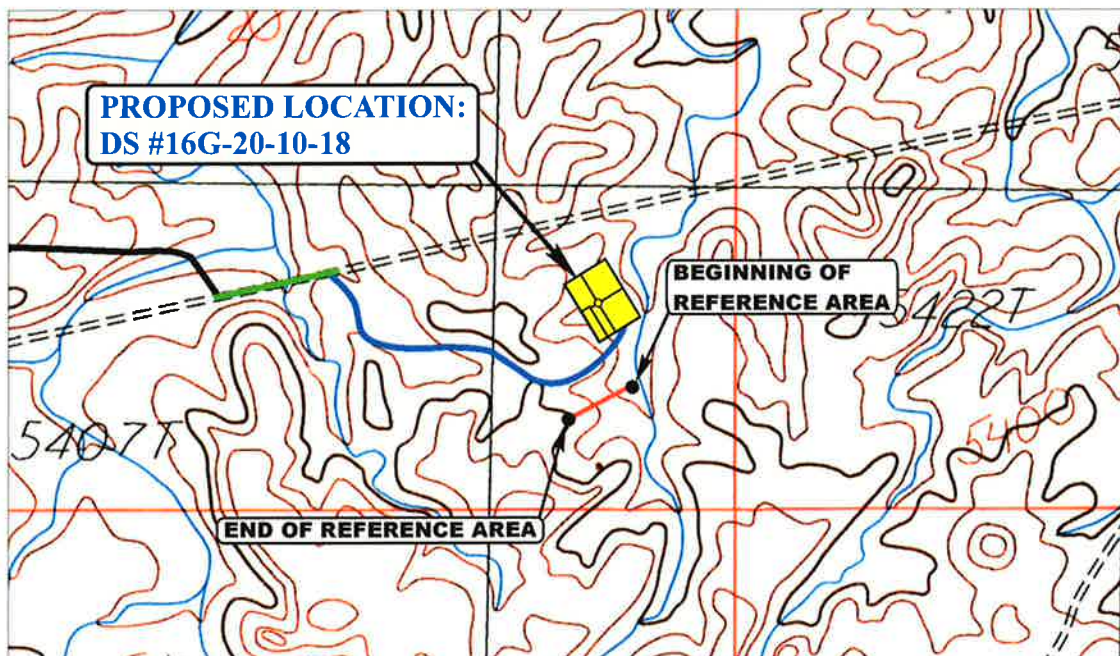
NAD 83 Z12 UTM NORTHING: 14500644.178

NAD 83 Z12 UTM EASTING: 1945940.348

(NAD 83) LATITUDE: 39.923232379

(NAD 83) LONGITUDE: -110.910273579

PHOTO: VIEW FROM BEGINNING OF REFERENCE AREA



- Since 1964 -

**U
E
L
S**

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

435-789-1017

SCALE: 1" = 1000'

06 **01** **10**
MONTH DAY YEAR

TAKEN BY: D.R. | DRAWN BY: J.H. | REVISED: 00-00-00

REF.

Reclamation Data Sheet, Vernal Field Office, BLM

Date	5-18-10	Examiner	Percival, Villa, Tomkinson		Length	300'
Company	QEP	Location	166-20-10-18		Number of points	300
Category	Bare Ground	Litter	Gravel 2mm-10"	Stone >10"	Vegetation	Total
First leg Dot count	 	 	 			
Second leg Dot count						
Third leg Dot count						
Total Hits	46	89	135		30	
% Cover	15%	30%	45%		10%	300

Vegetative Basal Hits

Vegetative Types	Dot Count	Total	Vegetative Types	Dot Count	Total
Chert grass	1	1	Annual Forb	1/1	3
Gardner salt bush	1/1/1	4	Spiny Hop Sage	1	1
Globe Mallow		5			
Prickly Pear	1/1	2			
Galatia		12			
Needle + thread	1/1	2			

(DS 139-19-10-18 same)
(DS 166-20-10-18 same)

Additional Operator Remarks

QEP Energy Company proposes to drill a vertical oil well to a total depth of 4,850' MD to test the Uteland Butte Member of the Green River Formation. If productive, casing will be run and the well completed. If, dry the will well be plugged and abandoned as per BLM and State of Utah requirements.

See Onshore Oil & Gas Order No. 1

Please be advised that QEP Energy Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP Energy Company via surety as consent as provided for the 43 CFR 3104.2.

**DS 16G-20-10-18
SESE, SECTION 20, T10S, R18E
UINTAH COUNTY, UT
LEASE # UTU-84264**

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.

The proposed well site is located approximately 28 miles southeasterly of Myton, Utah.

-See attached TOPO Map "A".

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

The existing 2 track will be upgraded, maintained and repaired as necessary. No off- lease right-of-way is anticipated for the access road since road is located on lease. QEP Energy Company will obtain Uintah County encroachment permit before any construction takes place.

2. Planned Access Roads:

New access roads on BLM surface will be crowned (2 to 3%), ditched, and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Any additional disturbance required due to intersections or sharp curves will be discussed at the on-site and approved by the BLM/VFO AO. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Surface disturbance and vehicular traffic will be limited to the approved location and access route or, as proposed by the Operator. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Access roads and surface disturbing activities will conform to standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and gas Exploration and Development, Fourth Edition 2006.

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing and will be maintained according to original construction standards. The access road disturbed area will be kept free of trash during operations. All traffic will be confined to the approved road running surface. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause excess siltation or accumulation of debris in the drainage nor shall the drainage be blocked by the roadbed. If culverts are needed, the location and size of the culverts will be proposed during the on-site. The operator will clean and maintain approved culverts as needed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes

develop, the holes shall be filled in and detours around the holes avoided. When snow is removed from the road during the winter months, the snow should be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

Refer to Topo Map B for the location of the proposed access road.

3. **Location of Existing Wells Within a 1-Mile Radius:**

A map will be provided with the site-specific APD showing the location of existing wells within a one mile radius.

Please refer to Topo map C.

4. **Location of Existing and Proposed Facilities:**

The following guidelines will apply if the well is productive.

- A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). These dikes will be constructed of compacted impervious subsoil; hold 110% of the capacity of the largest tank; and, be independent of the back cut. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded to meet SPCC requirements with approval by the BLM/VFO AO. The specific APD will address additional capacity if such is needed due to environmental concerns. The use of topsoil for the construction of dikes will not be allowed.
- All loading lines will be placed inside the berm surrounding the tank batteries.
- All permanent (on site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a color approved by the BLM.
- It was determined on the onsite by the BLM VFO/AO that the facilities will be painted Covert Green.

5. **Location and Type of Water Supply:**

Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes.

6. **Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 6 months after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Unless specified in the site specific APD, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

It was determined at the on-site inspection that a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner, a minimum of 20 millimeters thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap will be disposed of in the pit.

Reserve pit leaks are considered an undesirable event and will be orally reported to the AO.

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with Onshore Order # 7, all produced water will be contained in tanks on location and then hauled to Wonsits Valley water injection station located in the SWNW Section 12, T8S, R21E; or, the Red Wash disposal well located in the NESW, Section 28, T7S, R22E; or, the Red Wash Central Battery Disposal located in SWSE, Section 27, T7S, R23E, or third-party surface evaporative pits.

Produced water, oil, and other byproducts will not be applied to roads or well pads for control of dust or weeds. The dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site. The spills will be reported to the AO and other authorities as appropriate.

A chemical porta-toilet will be furnished with the drilling rig. The chemical porta-toilet wastes will be hauled to Ashley Valley Sewer and Water System for disposal.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the

drilling rig. All trash and waste material will be hauled to the Uintah County Landfill.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas. Specific APD's shall address any modifications from this policy.

8. Ancillary Facilities:

This will be an independent well location. Product will be contained in two 500 bbl tanks and then transported from location to delivery site.

A suitable muffler will be installed on pumping unit to help reduce noise control.

9. Well Site Layout:

A Location Layout Diagram describing drill pad cross-sections, cuts and fills, and locations of mud tanks, reserve pits, flare pit or flare box, pipe racks, trailer parking, spoil dirt stockpile(s), and the surface material stockpile(s) will be included with the site specific APD.

Please see the attached diagram rig orientation, parking areas, and access roads, as well as the location of the following:

- The reserve pit.
- The stockpiled topsoil (first six inches), will not be used for facility berms. All brush removed from the well pad during construction will be stockpiled with the topsoil.
- The flare pit or flare box will be located downwind from the prevailing wind direction.
- Any drainage that crosses the well location will be diverted around the location by using ditches, water diversion drains or berms. If deemed necessary at the on-site, erosion drains may be installed to contain sediments that could be produced from access roads and well locations.

10. Fencing Requirements:

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

All pits will be fenced according to the following minimum standards:

- 39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.
- Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.
- All wire shall be stretched using a stretching device before it is attached to corner posts.
- The reserve pit will be fenced on three (3) sides during drilling operations. The fourth side will be put in place when the rig moves off location. The pit will be fenced and maintained until it is backfilled. If drilling operations does not commence within 3 days, the fourth side of the fence will be installed.

11. Reclamation Plan:

- Reclamation will follow Questar Exploration and Production Company, Uinta Basin Division's Reclamation Plan, September 2009 (Questar's Reclamation Plan) and the BLM Green River District Reclamation Guidelines.
- All trash and debris will be removed from the disturbed area.
- The disturbed area will be backfilled with subsoil.
- Topsoil will be spread to an even, appropriate depth and disced if needed.
- Water courses and drainages will be restored.
- Erosion control devices will be installed where needed.
- Seeding will be done in the fall, prior to ground freeze up.
- Seed mix will be submitted to a BLM AO for approval prior to seeding.
- Monitoring and reporting will be conducted as stated in Questar's Reclamation Plan. A reference site has been established and is included in this ROW application.
- Weed control will be conducted as stated in Questar's Reclamation Plan.

Dry Hole/Abandoned Location

On lands administered by the BLM abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the reestablishment of irrigation systems; reestablishment of appropriate soil conditions; and, the reestablishment of vegetation as specified.

All disturbed surfaces will be recontoured to approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment.

At final abandonment, the Operator will cap the casing with a metal plate a minimum of 0.25 inch thick. The cap will be welded in place and the well location and identity will be permanently inscribed on the cap. The cap will be constructed with a weep hole. The depth of the permanent cap will be determined at the time of final abandonment. Long-term reclamation will then be applied and will follow the reclamation process described in this plan. When reclamation is deemed successful by the Operator and the BLM, the Operator will request a bond release.

12. Surface Ownership:

The well pad and access road are located on lands owned by:
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

13. Other Information:

Drilling rigs and/or equipment used during drilling operations will not be stacked or stored on Federal lands or State administered lands after the conclusion of drilling operations or at any other time without authorization by the BLM Authorized Officer. If BLM authorization is obtained, such storage is only a temporary measure.

A Class III archeological survey was conducted by Montgomery Archaeology Consultants, **MOAC Report No. 10-020**. A copy of the report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance has been recommended for this project. If these surveys identify areas with a high probability of encountering potentially significant subsurface archaeological sites, QEP would provide a qualified archaeologist to monitor surface disturbance. If historic or archaeological materials are uncovered during construction, the Operator is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

A paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted directly to the appropriate agencies by Stephen D. Sandau, **Report No. IPC 10-13**. The inspection for this project resulted in that number of fossils was found, therefore, it's recommend that a permitted paleontologist be present to monitor the construction process of the entire proposed access road. QEP will provide a qualified paleontologist to monitor surface disturbance. If any vertebrate fossils are found during construction of the

well pad, the Operator is to immediately stop work and contact the Authorized Office.

A habitat assessment and inventory was surveyed for Uintah Basin Hookless Cactus on April 21, 2010 by Western Biota, Inc. The inspection for this project resulted in no suitable or potential habitat within the proposed DS 16G-20-10-18.

Per the onsite meeting on May 18, 2010, the following items were requested/discussed.

- 6" topsoil
- Rounding corner two to avoid drainage as much as possible.
- On proposed access road the 1st drainage may require a low water crossing or culvert. It will be determined after construction takes place if either will be required.



QEP Energy Company

11002 East 17500 South
Vernal, UT 84078
Tel: 435.781.4300
Fax: 435.781.4329

August 10, 2010

Division of Oil, Gas & Mining
1594 W. N. Temple Ste. #1210
Salt Lake City, UT 84114-5801

CONFIDENTIAL

To Whom It May Concern:

In reference to the State Oil and Gas Conservation rule R649-3-3 QEP Energy Company's application to drill the DS 16G-20-10-18 is an exception to this rule due to topography.

There is one other interested owner: Triple III Exploration Company has consented approval for this location involving the well site.

If you have any question please contact Jan Nelson @ (435) 781-4331 or Chad Matney @ (303)-308-3048.

Thank you,

A handwritten signature in blue ink that reads 'Jan Nelson'. The signature is written in a cursive, flowing style.

Jan Nelson
Regulatory Affairs



QEP Energy Company

June 17, 2010

Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
Tel: 303.672.6900
Fax: 303.294.9632

III Exploration Company
Attn: Mr. Paul Powell
960 Broadway, Ste. 500
Boise, Idaho 83707

**RE: Request for agreement to exception locations
Uintah and Duchesne Counties, Utah**

Mr. Powell:

Enclosed please find well plats for the following proposed wells:

- WR 16G-32-10-17 well, T10S-R17E-Sec. 32: SE/4, Duchesne County, UT
- WR 9G-5-10-17 well, T10S-R17E-Sec. 5: SE/4, Duchesne County, UT
- DS 9G-16-10-18 well, T10S-R18E-Sec. 16: SE/4, Uintah County, UT
- DS 13G-19-10-18 well, T10S-R18E-Sec. 19: SW/4, Uintah County, UT
- WR 4G-35-10-17 well, T10S-R17E-Sec. 35: NW/4, Duchesne County, UT
- DS 16G-20-10-18 well, T10S-R18E-Sec. 20: SE/4, Uintah County, UT

Because QEP Energy Company ("QEP") intends to drill these wells with surface locations outside of the allowable 400 foot "window", QEP hereby requests III Exploration Company and/or III Exploration II LP's ("III") consent to exception location pursuant to the Utah Administrative Code's, Rules 649-3-2 and 649-3-3.

Should III consent to these exception locations, please indicate III's consent and agreement by signing in the space below.

Should you have any questions, please contact me at 303-308-3048.

Sincerely,

QEP ENERGY COMPANY

A handwritten signature in blue ink, appearing to read 'Chad W. Matney'.

Chad W. Matney
Senior Landman

Cc: Phil Shepardson, Denver Office

III hereby agrees and consents to the exception locations for each of the above listed wells.

A handwritten signature in blue ink, appearing to read 'Paul R. Powell'.

Name: **Paul R. Powell**
Title: **Executive Vice President, COO**

T10S, R18E, S.L.B.&M.

QUESTAR EXPLR. & PROD.

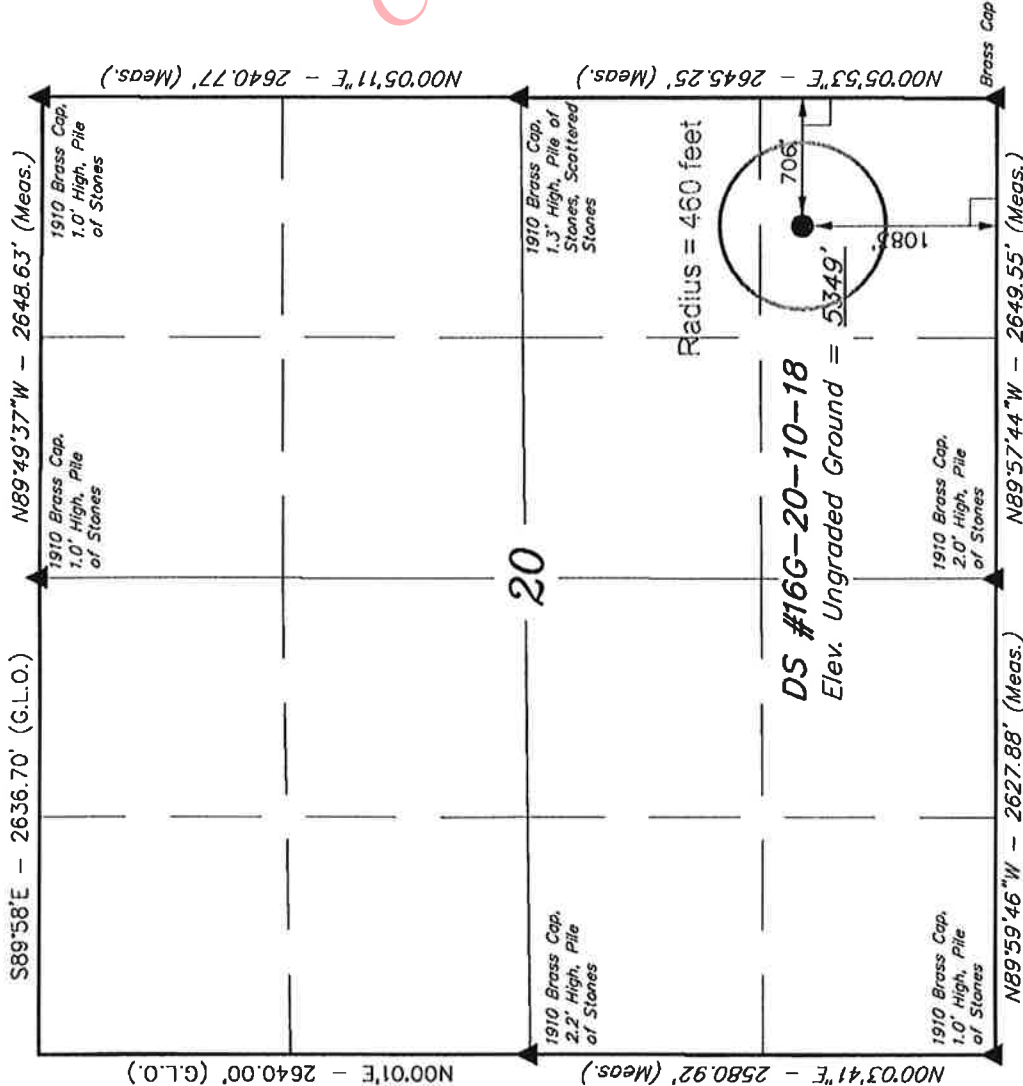
Well location, DS #16G-20-10-18, located as shown in the SE 1/4 SE 1/4 of Section 20, T10S, R18E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 14, T10S, R18E, S.L.B.&M. TAKEN FROM THE MOON BOTTOM QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5129 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CONFIDENTIAL

1000' 500' 0' 500' 1000'

SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE SURVEY WAS PREPARED FOR THE FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 151319
STATE OF UTAH

UNTAH ENGINEERING & LAND SURVEYING	
85 SOUTH 200 EAST - VERNAL, UTAH 84078	
(435) 789-1017	
SCALE: 1" = 1000'	DATE SURVEYED: 02-26-10
PARTY: M.A. C.K. K.G.	REFERENCES: G.L.O. PLAT
WEATHER: COLD	FILE: QUESTAR EXPLR. & PROD.

(NAD 83)
LATITUDE = 39°55'30.53" (39.925147)
LONGITUDE = 109°54'37.60" (109.910444)
(NAD 27)
LATITUDE = 39°55'30.66" (39.925183)
LONGITUDE = 109°54'35.08" (109.909744)

- LEGEND:
- = 90° SYMBOL
 - = PROPOSED WELL HEAD.
 - ▲ = SECTION CORNERS LOCATED.

Lessee's or Operator's Representative & Certification:

Jan Nelson
Permit Agent
QEP Energy Company
11002 East 17500 South
Vernal, UT 84078
(435) 781-4331

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

QEP Energy Company is considered to be the operator of the subject well.
QEP Energy Company agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104.2 for lease activities is being provided by
Bond No. ESB000024

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that I have full knowledge of the State and Federal laws applicable to this operations; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.



Jan Nelson

8/10/2010

Date

API Number: 4304751226

Well Name: DS 16G-20-10-18

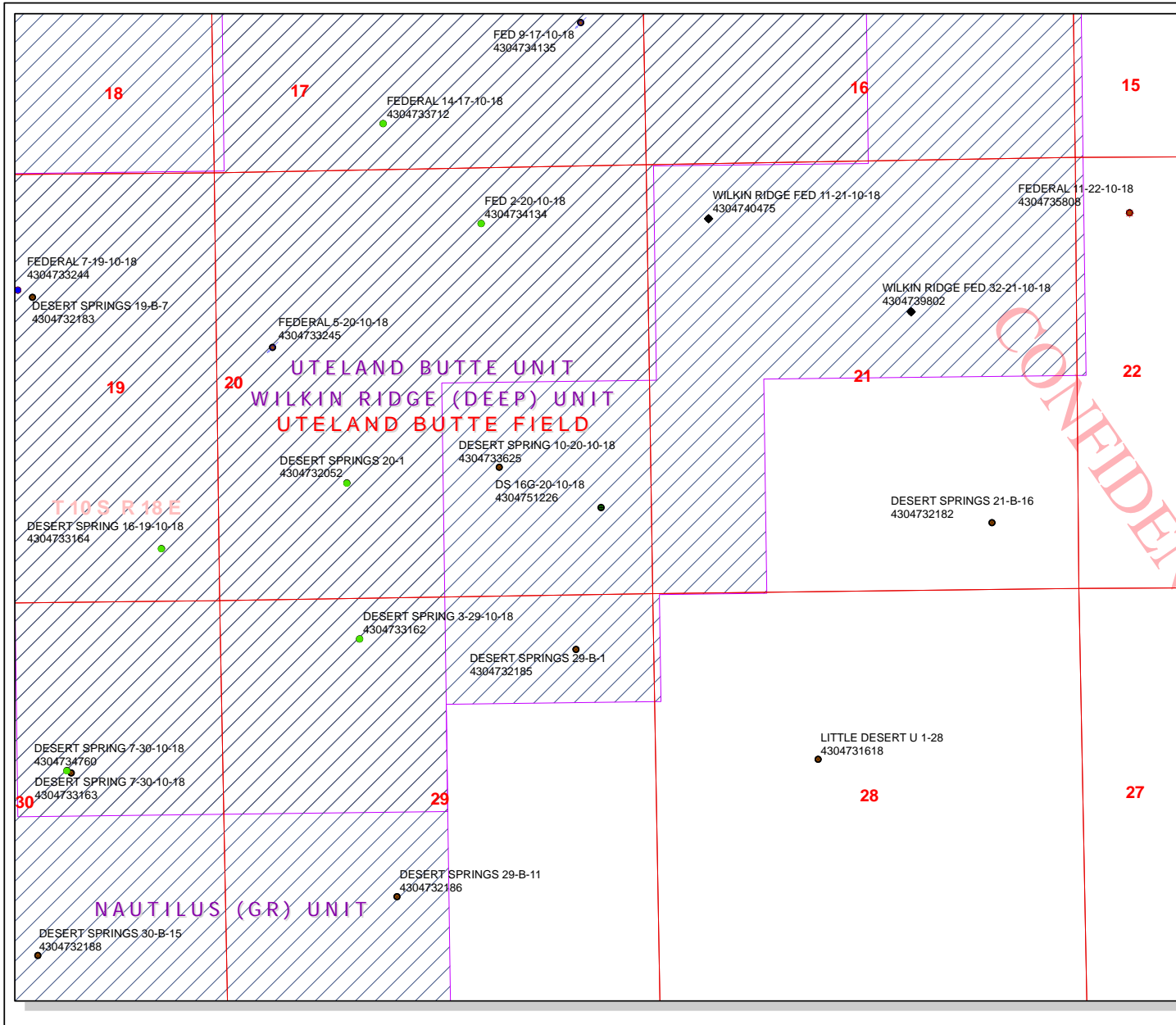
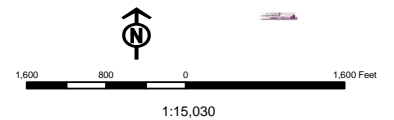
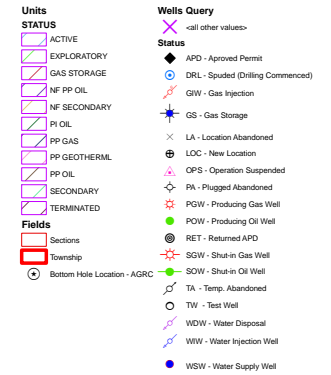
Township 10.0 S Range 18.0 E Section 20

Meridian: SLBM

Operator: QEP ENERGY COMPANY

Map Prepared:

Map Produced by Diana Mason



WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/10/2010

API NO. ASSIGNED: 43047512260000

WELL NAME: DS 16G-20-10-18

OPERATOR: QEP ENERGY COMPANY (N3700)

PHONE NUMBER: 435 781-4331

CONTACT: Jan Nelson

PROPOSED LOCATION: SESE 20 100S 180E

Permit Tech Review: ☒

SURFACE: 1083 FSL 0706 FEL

Engineering Review: ☐

BOTTOM: 1083 FSL 0706 FEL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 39.92521

LONGITUDE: -109.90961

UTM SURF EASTINGS: 593180.00

NORTHINGS: 4419815.00

FIELD NAME: UTELAND BUTTE

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-84264

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ☒ PLAT
- ☒ Bond: FEDERAL - ESB000024
- ☐ Potash
- ☐ Oil Shale 190-5
- ☐ Oil Shale 190-3
- ☐ Oil Shale 190-13
- ☒ Water Permit: A36125 - 49-2153
- ☐ RDCC Review:
- ☐ Fee Surface Agreement
- ☐ Intent to Commingle

Commingle Approved

LOCATION AND SITING:

- ☐ R649-2-3.
- Unit:
- ☐ R649-3-2. General
- ☒ R649-3-3. Exception
- ☒ Drilling Unit
- Board Cause No: R649-3-3
- Effective Date:
- Siting:
- ☐ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations:
1 - Exception Location - bhll
4 - Federal Approval - dmason
23 - Spacing - dmason



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: DS 16G-20-10-18

API Well Number: 43047512260000

Lease Number: UTU-84264

Surface Owner: FEDERAL

Approval Date: 8/11/2010

Issued to:

QEP ENERGY COMPANY, 11002 East 17500 South, Vernal, Ut 84078

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-3. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Exception Location:

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "B. J. Hill", is written over a horizontal line.

Acting Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-84264			
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
		7. UNIT or CA AGREEMENT NAME:			
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: DS 16G-20-10-18				
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43047512260000				
3. ADDRESS OF OPERATOR: 11002 East 17500 South, Vernal, Ut, 84078	PHONE NUMBER: 303 308-3068 Ext	9. FIELD and POOL or WILDCAT: UTELAND BUTTE			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1083 FSL 0706 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 20 Township: 10.0S Range: 18.0E Meridian: S		COUNTY: UINTAH			
		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/11/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.					
<p style="color: red; font-weight: bold;">Approved by the Utah Division of Oil, Gas and Mining</p> <p style="color: red; font-weight: bold;">Date: 08/09/2011</p> <p style="color: red; font-weight: bold;">By: </p>					
NAME (PLEASE PRINT) Valyn Davis		PHONE NUMBER 435 781-4369			
SIGNATURE N/A		TITLE Regulatory Affairs Analyst			
		DATE 8/9/2011			



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047512260000

API: 43047512260000

Well Name: DS 16G-20-10-18

Location: 1083 FSL 0706 FEL QTR SESE SEC 20 TWP 100S RNG 180E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 8/11/2010

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Valyn Davis

Date: 8/9/2011

Title: Regulatory Affairs Analyst **Representing:** QEP ENERGY COMPANY

RECEIVED Aug. 09, 2011

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 10 2010

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

BLM

1a. Type of Work: ☒ DRILL ☐ REENTER

CONFIDENTIAL

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone2. Name of Operator
QEP ENERGY COMPANYContact: JAN NELSON
E-Mail: jan.nelson@qepres.com3a. Address
11002 EAST 17500 SOUTH
VERNAL, UT 840783b. Phone No. (include area code)
Ph: 435-781-4331
Fx: 435-781-4395

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface SESE 1083FSL 706FEL 39.92515 N Lat, 109.91044 W Lon

At proposed prod. zone SESE 1083FSL 706FEL 39.92515 N Lat, 109.91044 W Lon

14. Distance in miles and direction from nearest town or post office*
28 MILES SOUTHEASTERLY OF MYTON, UT15. Distance from proposed location to nearest property or
lease line, ft. (Also to nearest drig. unit line, if any)
70616. No. of Acres in Lease
160.0018. Distance from proposed location to nearest well, drilling,
completed, applied for, on this lease, ft.
125019. Proposed Depth
4850 MD21. Elevations (Show whether DF, KB, RT, GL, etc.)
5349 GL22. Approximate date work will start
12/01/20105. Lease Serial No.
UTU84264

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.
DS 16G-20-10-189. API Well No.
43-047-5122610. Field and Pool, or Exploratory
UTELAND BUTTE11. Sec., T., R., M., or Blk. and Survey or Area
Sec 20 T10S R18E Mer SLB12. County or Parish
UINTAH13. State
UT17. Spacing Unit dedicated to this well
40.0020. BLM/BIA Bond No. on file
ESB00002423. Estimated duration
7 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
(Electronic Submission)Name (Printed/Typed)
JAN NELSON Ph: 435-781-4331Date
08/10/2010Title
PERMIT AGENT

Approved by (Signature)

Name (Printed/Typed)

Jerry Kenczka

Date
FEB 17 2011Title
Assistant Field Manager
Lands & Mineral Resources

Office

VERNAL FIELD OFFICE

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Electronic Submission #91160 verified by the BLM Well Information System
For QEP ENERGY COMPANY, sent to the Vernal
Committed to AFMSS for processing by ROBIN R. HANSEN on 08/18/2010 ()

RECEIVED

NOTICE OF APPROVAL

FEB 27 2012

NOS 4/29/10

UDOGM

DIV. OF OIL, GAS & MINING

AFMSS# 10RRH0313AE

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	QEP Energy, Inc.	Location:	SESE, Sec. 20, T10S, R18E
Well No:	DS 16G-20-10-18	Lease No:	UTU-84264
API No:	43-047-51226	Agreement:	N/A

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm ut vn opreport@blm.gov .
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- QEP Energy Company will drill two oil wells: DS 16G-20-10-18, in SE/SE of Section 20, Township 10 South, Range 18 East, Uintah County, Utah, and 4G-35-10-17, in NW/NW of Section 35, Township 10 South, Range 17 East, Duchesne County. The project area is located approximately 20 miles south of Myton, UT.
- The construction of the wells and access roads will result in approximately 14.53 acres of new surface disturbance. The well pads will result in approximately 6.51 acres of surface disturbance.
- The project will include the construction/installation of a wellhead and pumping unit, two storage tanks; spoil dirt stockpile(s), surface material stockpile(s), and a reserve pit at the well site.
- The drilling rig will be powered by a Tier II or better diesel engine.
- The reserve pit will be fenced on three sides prior to drilling activity and closed off on the fourth side after drilling is finished. The reserve pits for the wells will be lined with a 20 ml liner with felt.
- A dike will be constructed around those production facilities that contain fluids. The dikes will be constructed of compacted subsoil. They will be impervious, hold 10 percent more than the capacity of the largest tank, and be independent of the back cut.
- All permanent (meaning on site for six months or longer) structures will be painted Covert Green to match the surrounding landscape color unless otherwise authorized. This will include all facilities except those required to comply with Occupational Safety and Health Act (OSHA) regulations.
- If dry, the wells will be plugged and abandoned as per BLM and State of Utah requirements.
- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horse power must not emit more than 2 grams of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower-hour.
- All new and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 grams of NO_x per horsepower-hour.

- The following would be used as standard operating procedures: Green completion or controlled VOC emissions methods with 90% efficiency for Oil or Gas Atmospheric Storage Tanks, VOC Venting controls or flaring, Glycol Dehydration and Amine Unites, Well Completion, Re-Completion, Venting, and Planned Blowdown Emissions.
- Approximately 11,648 feet of new access road will be constructed in order to access the proposed wells. The access roads will require a 30 foot width during construction, and will be maintained as an 18 foot width running surface. Construction of the proposed access roads will result in 8.02 acres of new surface disturbance. A BLM right-of-way (ROW) will be required for the WR 4G-35-10-17 because most of the access road is not on lease.
- No pipelines are proposed for this project.
- Prior to construction, an invasive plants/noxious weeds inventory will be completed for all areas where surface disturbance will occur. A completed Weed Inventory form documenting any occurrences of invasive plants or noxious weeds will be submitted to the BLM Authorized Officer before surface disturbance will occur.
- The operator will control noxious/invasive weeds along their roads, pipelines, well sites, or other applicable facilities by the application of herbicides or by mechanical removal until reclamation is considered to be successful by the authorized officer (AO) and the bond for the well is released. A list of noxious weeds will be obtained from the BLM or the appropriate county extension office. On BLM-administered land, the operator will submit a Pesticide Use Proposal and obtain approval prior to the application of herbicides, other pesticides, or possible hazardous chemicals.
- Immediately upon well completion, the location and surrounding area shall be cleared of all unused tubing, equipment, debris, materials, and trash. Any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1.
- The reserve pit and the portion of the well not needed for production facilities/operations shall be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion, or as soon as environmental conditions allow. The stockpiled pit topsoil will then be spread over the pit area and broadcast-seeded/drill seeded (preferred method) with a seed mix submitted to the BLM Authorized Officer (AO) for approval prior to seeding. Seeding will be done in the fall prior to winter freezing of the soil. The seed mixture shall be worked into the topsoil with a drill seeder, bulldozer or other heavy equipment. If initial seeding is not successful, reseeding may be required.
- Once the well is plugged and facilities are removed and abandoned, the topsoil shall be stripped and stockpiled off of the location, and the well site, pipelines, and access roads will be returned to natural contours. The topsoil shall be respread, and the location seeded with the mixture submitted to the BLM AO. The seed mixture shall be worked into the topsoil with a drill seeder, bulldozer or other heavy equipment.
- Interim reclamation, final reclamation, and monitoring of reclaimed areas will be completed in accordance with the Questar Exploration and Production Company, Uinta Basin Division's Reclamation Plan, September 2009 on file with the Vernal Field Office of the BLM.
- Prior to any surface disturbance, vegetative monitoring locations and reference sites will be identified by QEP and approved by the BLM AO. Vegetation monitoring protocol will be developed by QEP and approved by the BLM AO prior to implementation of revegetation techniques and will be designed to monitor % basal vegetative cover.

- Revegetated areas will be inspected annually and monitored to document location and extent of areas with successful revegetation, and areas needing further reclamation (for a period of 5 years after construction completion). A reclamation report will be submitted to the AO by March 31 of each year.
- All vehicles and equipment shall be cleaned either through power-washing, or other approved method, if the vehicles or equipment were previously operated outside the Uinta Basin, to prevent weed seed introduction.
- A muffler will be used on the pump-jack upon completion in order to reduce noise levels.
- QEP has committed to have a permitted paleontologist be present to monitor the construction process for the entire access road for the DS 16G-20-10-18, and the portion of the access road which runs through Sec. 23, 24, and 26 of T. 10 S. R. 17 E.
- During operations, if any vertebrate paleontological resources are discovered, in accordance with section 6 Form 3100-11 and 43 CFR 3162.1, all operations affecting such sites shall be immediately suspended, and all discoveries shall be left intact until authorized to proceed by the Authorized Officer. The Authorized Officer of the BLM office shall be notified within 48 hours of the discovery, and a decision as to the preferred alternative/course of action would be rendered.
- Telemetry will be installed to remotely monitor and control production.
- Water or other approved suppressants would be used during construction activities to abate fugitive dust.
- Signs will be installed on the access roads advising speeds of 25 MPH during the drilling phase to decrease fugitive dust from truck traffic.
- Re-initiation of section 7 consultation with the USFWS will be sought immediately if any loss of plants or occupied habitat for Uinta Basin hookless cactus is anticipated as a result of project activities.
- The best method to avoid entrainment is to pump from an off-channel location – one that does not connect to the river during high spring flows. An infiltration gallery constructed in a BLM and Service approved location is best.
- If the pump head is located in the river channel where larval fish are known to occur, the following measures apply:
 - do not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate larval fishes;
 - limit the amount of pumping, to the greatest extent possible, during that period of the year when larval fish may be present (April 1 to August 31); and
 - limit the amount of pumping, to the greatest extent possible, during the pre-dawn hours as larval drift studies indicate that this is a period of greatest daily activity.
- Screen all pump intakes with 3/32" mesh material.
- Approach velocities for intake structures will follow the National Marine Fisheries Service's document "Fish Screening Criteria for Anadromous Salmonids". For projects with an in-stream intake that operate in stream reaches where larval fish may be present, the approach velocity will not exceed 0.33 feet per second (ft/s).

- Report any fish impinged on the intake screen to the Service (801-975-3330) and the Utah Division of Wildlife Resources:
 - Northeastern Region
152 East 100 North, Vernal, UT 84078
 - Phone: (435) 781-9453
- QEP will educate its contractors and employees about the relevant federal regulations intended to protect cultural resources. All vehicular traffic, personnel movement, construction and restoration activities shall be confined to areas cleared by the site inventory and to existing roads. In the event historic or archaeological resources are uncovered during construction, work will stop immediately and the appropriate BLM AO will be notified.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- The production casing will be cemented to 200' above the surface shoe.

Variances Granted:

Air Drilling:

- Variance requests listed in Section 6 of your drilling plan are approved.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to BLM_UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs,

core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-84264
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: DS 16G-20-10-18
2. NAME OF OPERATOR: QEP ENERGY COMPANY		9. API NUMBER: 43047512260000
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078		9. FIELD and POOL or WILDCAT: UTELAND BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1083 FSL 0706 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 20 Township: 10.0S Range: 18.0E Meridian: S		COUNTY: Uintah
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 3/20/2012 <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100%;" type="text"/> </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> ON 03/20/2012- DRILLED 40' OF 20" CONDUCTOR HOLE. SET 40' OF 14" CONDUCTOR PIPE. CEMENTED WITH READY MIX. </div> <div style="width: 35%; text-align: center;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 21, 2012 </div> </div>		
NAME (PLEASE PRINT) Valyn Davis		PHONE NUMBER 435 781-4369
SIGNATURE N/A		TITLE Regulatory Affairs Analyst
		DATE 3/21/2012

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: QEP ENERGY COMPANY Operator Account Number: N 3700
Address: 11002 EAST 17500 SOUTH
city VERNAL
state UT zip 84078 Phone Number: (435) 781-4369

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304751226	DS 16G-20-10-18		SESE	20	10S	18E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	18475	3/20/2012		3/30/2012		
Comments: GRRV							

CONFIDENTIAL

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

RECEIVED

MAR 21 2012

Div. of Oil, Gas & Mining

Valyn Davis

Name (Please Print)

Valyn Davis

Signature

Regulatory Affairs Analyst

Title

3/21/2012

Date

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: QEP ENERGY COMPANY

Well Name: DS 16G-20-10-18

Api No. 43-047-51226 Lease Type: FEDERAL

Section 30 Township 10S Range 18E County UINTAH

Drilling Contractor PROPETRO RIG # 3

SPUDDED:

Date 03/29/2012

Time _____

How ROTARY

Drilling will commence _____

Reported by DAVID REED

Telephone # (435) 828-0396

Date: 03/30/2012 Signed: CHD

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-84264
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: QEP ENERGY COMPANY		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 11002 East 17500 South, Vernal, Ut, 84078		8. WELL NAME and NUMBER: DS 16G-20-10-18
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1083 FSL 0706 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 20 Township: 10.0S Range: 18.0E Meridian: S		9. API NUMBER: 43047512260000
9. FIELD and POOL or WILDCAT: UTELAND BUTTE		COUNTY: UINTAH
STATE: UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/29/2012	<input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	OTHER: SET CASING	
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. QEP ENERGY COMPANY PERFORMED THE FOLLOWING ON 03/29/2012: -DRILLED 12 1/4" HOLE TO 463', -SET 9 5/8" J-55 ST&C, 36# CASING, -CEMENTED WITH 275 SACKS CLASS G CEMENT. QEP ENERGY COMPANY IS REQUESTING THAT THIS INFORMATION BE HELD "CONFIDENTIAL".		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 04, 2012		
NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst
SIGNATURE N/A	DATE 4/3/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-84264
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 1083 FSL 0706 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 20 Township: 10.0S Range: 18.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/9/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THIS WELL COMMENCED PRODUCTION ON MAY 9, 2012 @ 3:30 P.M.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 16, 2012		
NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst
SIGNATURE N/A	DATE 5/14/2012	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU84264

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:
DS 16G-20-10-18

9. API NUMBER:
43-047-512 26

10. FIELD AND POOL, OR WILDCAT
Uteland Butte

11. QTR/QTR, SECTION, TOWNSHIP, RANGE,
MERIDIAN:
SESE 20 10S 18E

12. COUNTY
Uinta

13. STATE
UTAH

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

b. TYPE OF WORK: NEW WELL ☒ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

2. NAME OF OPERATOR:
QEP Energy Company

3. ADDRESS OF OPERATOR:
1050 17th St. Suite 500 CITY Denver STATE CO ZIP 80265

PHONE NUMBER:
(303) 672-6900

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: **1083 FSL 706 FEL**

AT TOP PRODUCING INTERVAL REPORTED BELOW: **1083 FSL 706 FEL**

AT TOTAL DEPTH: **1083 FSL 706 FEL**

14. DATE SPUDDED:
4/6/2012

15. DATE T.D. REACHED:
4/11/2012

16. DATE COMPLETED:
5/9/2012

ABANDONED ☐ READY TO PRODUCE ☒

17. ELEVATIONS (DF, RKB, RT, GL):
5365 RKB

18. TOTAL DEPTH: MD **4,800**
TVD **4,800**

19. PLUG BACK T.D.: MD **4,756**
TVD **4,756**

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD
PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

Quad Combo

23.
WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)
WAS DST RUN? NO ☒ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☒ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
7.875	5.5 J-55	15.5	0	4,780		615	297	950	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	4,656							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Green River	4,624	4,655			4,524 4,529	.35	20	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)					4,650 4,655	.35	20	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
4524 to 4655	258 BBL 2% KCl, 138 BBL 15% KCl, 937 BBL DeltaFrac 140, Sand:10,600 LB 16/30, 40k BBI 20/40

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION

☐ GEOLOGIC REPORT
☐ CORE ANALYSIS

☐ DST REPORT ☐ DIRECTIONAL SURVEY
☒ OTHER: Ops. Summary

30. WELL STATUS:

Oil Well

RECEIVED

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 5/9/2012	TEST DATE: 5/11/2012	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL – BBL: 35	GAS – MCF: 0	WATER – BBL: 48	PROD. METHOD: Pumping
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS: POW
						OIL – BBL: 35	WATER – BBL: 48

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:
						OIL – BBL:	WATER – BBL:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:
						OIL – BBL:	WATER – BBL:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:
						OIL – BBL:	WATER – BBL:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River	1,150
				Uteland Butte	4,479
				A Sand	4,479
				C Lime	4,648

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Andrew SchmidTITLE Engineering TechnicianSIGNATURE DATE 6/4/2012

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

Operations Summary Report

Well Name: DS 16G-20-10-18
 Location: 20- 10-S 18-E 27
 Rig Name: AZTEC

Spud Date: 3/21/2012
 Rig Release: 4/12/2012
 Rig Number: 950

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/21/2012	10:00 - 16:00	6.00	LOC	2	MOVE IN PETE MARTING AUGER RIG, DIG AND SET 14" CONDUCTOR TO 40' AND CEMENT. DIG AND LINE MOUSE HOLE. RIG DOWN AND MOVE OUT
3/30/2012	06:00 - 08:30	2.50	LOC	4	MOVE IN AND RIG UP AIR RIG
	08:30 - 09:30	1.00	TRP	1	PICK UP BHA AND TAG BOTTOM @ 40'
	09:30 - 14:00	4.50	DRL	1	AIR DRILL F/40' T/475
	14:00 - 15:00	1.00	TRP	3	LAY DOWN DRILL PIE
	15:00 - 16:00	1.00	CSG	2	RUN 11 JOINT OD 9 5/8", 36.0#, J-55 ST&C CASING TO 463'
	16:00 - 18:00	2.00	CMT	2	PUMP CEMENT 56.1 BBLS OF 15.8# CEMENT, DISPLACE WITH 32.5 BBLS OF WATER. PLUG BUMPED AND FLOATS HELD, 16 BBLS OF CEMENT BACK TO SURFACE. CEMENT DROPPED 2'-NO TOP JOB NEEDED
	18:00 - 19:30	1.50	LOC	4	RIG DOWN AND MOVE TO NEW LOCATION
	19:30 -				NOTIFIED BLM BY ELECTRONIC NOTICE AND CALLED ALAN WALKER @ 10:30 HRS ON 3/27/2012 AND NOTIFIED CAROL DANIELS BY PHONE @ 10:30 HRS ON 3/27/2012 IN REGARDS TO DRILLING AND SETTING SURFACE CASING
4/2/2012	06:00 - 18:00	12.00	LOC	4	RIG DOWN ON OLD LOCATION AND MOVING TO NEW LOCATION. MOVE AND SET UP HOUSES, RIG ALL OF THE RIG DOWN AND START HAULING TO NEW LOCATION. STILL HAVE TO PULL DERRICK OFF UNIT AND HAUL RIG 90% RIGGED DOWN 60% HAULED AND 10% RIGGED UP
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
4/3/2012	06:00 - 19:00	13.00	LOC	4	FINISH MOVING FROM OLD LOCATION TO NEW. PUT DERRICK BACK ON CARRIER AND ALL OF SET RIG IN PLACE.
	19:00 - 06:00	11.00	OTH		WAIT ON DAYLIGHT
4/4/2012	06:00 - 06:00	24.00	LOC	4	RIG UP BACK YARD, RIG UP FLOOR AND TOP DRIVE. REAIR FINGERS ON BOARD, RECIEVE 4 1/2" DRILL STRING
	-				SENT ELECTRONIC NOTICE IN ON 4/02/2012 @ 18:00 HRS AND CALLED CARLO DANIALS WITH UOGC AND ALAN WALKER WITH THE BLM @ 16:00 HRS ON 4/03/2012 IN REGARDS TO TEST THE BOP'S.
4/5/2012	06:00 - 09:30	3.50	LOC	4	FINISH RIGGING UP AND DO PRESPUD INSPECTION
	09:30 - 17:30	8.00	BOP	1	NIPPLE UP BOPE
	17:30 - 22:30	5.00	BOP	2	PRESSURE TEST BOPE AND MUD LINE. AND CASING RIG ON DAYWORK @ 17:30 HRS, 4/4/2012
	22:30 - 23:00	0.50	BOP	2	R/D TESTERS
	23:00 - 03:00	4.00	OTH		R/U BLEED OFF LINE AND COMPLETED PRE SPUD CHECK LIST
	03:00 - 04:00	1.00	OTH		SET WEAR BUSHING
	04:00 - 05:30	1.50	TRP	1	P/U BHA, AND TRIP IN HOLE
	05:30 - 06:00	0.50	OTH		INSTALL ROTATING HEAD ELEMENT
4/6/2012	06:00 - 08:30	2.50	DRL	4	DRILLING OUT CEMENT AND CASING EQUIPMENT
	08:30 - 09:00	0.50	EQT	2	FIT EQV MUD WEIGHT 10. PPG
	09:00 - 09:30	0.50	RIG	1	RIG SERVICE
	09:30 - 13:00	3.50	DRL	1	DRILLING FROM 491 TO 676 FT MADE 185 FT IN 3.5 HRS 52.8 FPH, WOB 12 RPM 110, 410 GPM
	13:00 - 13:30	0.50	SUR	1	RAN WIRE LINE SURVEY AT 601' 1.2 INC, 224.6 AZM
	13:30 - 19:30	6.00	DRL	1	DRILLING FROM 676 FT TO 1154 FT, MADE 478 FT IN 6 HRS 80 FPH, WOB 12 RPM 110, 410 GPM
	19:30 - 20:00	0.50	SUR	1	RAN WIRE LINE SURVEY AT 1101 FT, 1 INC 205.8 AZM
	20:00 - 00:30	4.50	DRL	1	DRILLING FROM 1154' TO 1557' MADE 403' IN 4.5 HRS, 90 FPH WOB 12, RPM 110, 410 GPM
	00:30 - 05:00	4.50	CIRC	2	LOSS CIRC ATTEMPTING TO GET RETRUNS, LOST 980 BBLS WATER
	05:00 - 06:00	1.00	TRP	14	SHORT TRIP TO BHA
4/7/2012	06:00 - 08:00	2.00	CIRC	1	BUILD VOLUME, FIGHT LOST CIRC. LOST 250 BBLS
	08:00 - 10:00	2.00	TRP	2	TRIP FOR PLUGGED MOTOR AND BIT, LAY DOWN MOTOR
	10:00 - 10:30	0.50	RIG	1	RIG SERVICE

Operations Summary Report

Well Name: DS 16G-20-10-18
 Location: 20- 10-S 18-E 27
 Rig Name: AZTEC

Spud Date: 3/21/2012
 Rig Release: 4/12/2012
 Rig Number: 950

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/7/2012	10:30 - 12:30	2.00	TRP	2	PICK UP BIT SUB AND BIT, TRIP IN BHA AND ATTEMPT TO BREAK CIRCULATION-STRING PLUGGED
	12:30 - 16:30	4.00	TRP	2	TRIP FOR PLUGGED BHA. MONEL HAD 3 FT LCM PLUG AND FLOAT WAS COLLAPSED
	16:30 - 17:00	0.50	DRL	1	DRILLING BLIND FROM 1557' TO 1608'
	17:00 - 17:30	0.50	TRP	2	TRIP OUT 7 STANDS AND L/D 2 JOINTS
	17:30 - 21:00	3.50	CIRC	1	MIX, PUMP POLYSWELL PILL AND WAIT ON POLYSWELL PILL
	21:00 - 21:30	0.50	RIG	1	RIG SERVICE
	21:30 - 22:30	1.00	OTH		WAIT ON POLYSWELL PILL
	22:30 - 02:30	4.00	REAM	1	WASH AND REAM TO BTM
	02:30 - 03:00	0.50	DRL	1	DRILLING FROM 1608 TO 1655'
	03:00 - 03:30	0.50	CIRC	1	CIRC AND BUILD LCM PILL PUMPED PILL GOOD RETRUNS
4/8/2012	03:30 - 04:00	0.50	DRL	1	DRILLING FROM 1655' TO 1676'
	04:00 - 06:00	2.00	CIRC	1	TOTAL LOSSES BUILD LCM PILL AND CONDITON MUD/ GOT RETURNS
	06:00 - 06:30	0.50	DRL	1	DRILL FROM 1676-1712 WITH PARTIAL RETURNS, 36 FT @ 72 FT PER HOUR. 65 RPM AND 9K ON BIT
	06:30 - 07:30	1.00	CIRC	1	BUILD VOLUME
	07:30 - 08:30	1.00	DRL	1	DRILL FROM 1712-1777 WITH PARTIAL RETURNS, 64 FT @ 65 FPH, 75 RPM AND 13K ON BIT
	08:30 - 09:30	1.00	CIRC	1	BUILD VOLUME
	09:30 - 10:30	1.00	DRL	1	DRILL FROM 1711 TO 1841, 64 FPH WITH INCREASING RETURNS
	10:30 - 12:00	1.50	CIRC	1	BUILD VOLUME AND RAISE VIS TO 35 AND LCM TO 25%
	12:00 - 13:00	1.00	DRL	1	DRILLING WITH FULL RETURNS 1841-1904, 63 FPH
	13:00 - 13:30	0.50	SUR	1	SURVEY AT 1872
4/9/2012	13:30 - 23:00	9.50	DRL	1	DRILLING FROM 1841' TO 2410', MADE 569 FT. 60 FPH, 75 RPM, 15 WOB
	23:00 - 23:30	0.50	SUR	1	RAN WIRE LINE SURVEY SURVEY AT 2390' 2.9 INC 181.0 AZM
	23:30 - 03:30	4.00	DRL	1	DRILLING FROM 2410' TO 2602' 192 FT, 48 FPH 15 WOB, 75 RPM
	03:30 - 04:00	0.50	RIG	1	RIG SERVICE
	04:00 - 06:00	2.00	DRL	1	DRILLING FROM 2602 TO 2728, 126 FT @ 63 FPH
	06:00 - 10:00	4.00	DRL	1	DRILL FROM 2728 TO 2918, 190 FT @ 47.5 FPH. 65 RPM, 15K ON THE BIT
	10:00 - 10:30	0.50	SUR	1	SURVEY @ 2855
	10:30 - 11:00	0.50	RIG	1	RIG SERVICE
	11:00 - 21:30	10.50	DRL	1	DRILL FROM 2918 TO 3424, 506' AT 48 FPH, WOB 15, RPM 70, 300 GPM
	21:30 - 22:00	0.50	SUR	1	SURVEY AT 3385' 2.9 INC 184.0 AZM
4/10/2012	22:00 - 02:30	4.50	DRL	1	DRILLING FROM 3424' TO 3614', 190' AT 42.2 FPH WOB 15, RPM 70, GPM 300
	02:30 - 03:00	0.50	RIG	1	RIG SERVICE
	03:00 - 06:00	3.00	DRL	1	DRILLING FROM 3614' TO 3740', 126' AT 42 FPH, WOB 15, RPM 70, 300 GPM
	06:00 - 11:00	5.00	DRL	1	DRILLING FROM 3740 TO 3931. 191 FT @ 38.2 FT/HR. 65 RPM, 15K ON BIT. LOST 180 BBLs AT 3750 AND 45 BBLs AT 3885
	11:00 - 11:30	0.50	SUR	1	SURVEY AT 3900
	11:30 - 12:00	0.50	RIG	1	RIG SERVICE
	12:00 - 02:00	14.00	DRL	1	DRILL FROM 3931 TO 4438' 507', 36.2 FPH, 16 WOB, 70 RPM 300 GPM
	02:00 - 02:30	0.50	SUR	1	SURVEY AT 4402', INC 2 AZM 178.6
	02:30 - 04:30	2.00	DRL	1	DRILLING FROM 4438' TO 4503', 65' AT 32.5 FPH 16 WOB, 70 RPM, 300 GPM
	04:30 - 05:00	0.50	RIG	1	RIG SERVICE
4/11/2012	05:00 - 06:00	1.00	DRL	1	DRILLING FRO 4503 TO 4530' 62' AT 27 FPH 16 WOB, 70 RMP, 300 GPM
	06:00 - 14:00	8.00	DRL	1	DRILL FROM 4530 TO 4800. 270 FT @ 33.75 FPH, 65 RPM, 16K ON BIT
	14:00 - 15:00	1.00	CIRC	1	CIRCULATE AND CONDITION FOR LOGS
	15:00 - 18:30	3.50	TRP	15	WIPER TRIP TO CASING SHOE @ 491
	18:30 - 20:00	1.50	RIG	6	CUT DRILLING LINE
	20:00 - 20:30	0.50	RIG	1	RIG SERVICE
	20:30 - 23:00	2.50	TRP	14	TIH HOLE
	23:00 - 23:30	0.50	CIRC	1	CIRC

Operations Summary Report

Well Name: DS 16G-20-10-18
 Location: 20- 10-S 18-E 27
 Rig Name: AZTEC

Spud Date: 3/21/2012
 Rig Release: 4/12/2012
 Rig Number: 950

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/11/2012	23:30 - 00:00	0.50	OTH		CHANGED OUT ROTATING HEAD, LEAKING
	00:00 - 01:00	1.00	CIRC	1	CIRC AND CONDITION FOR LOGS
	01:00 - 01:30	0.50	SUR	1	DROPPED SURVEY AT 4782
	01:30 - 05:00	3.50	TRP	2	TRIP OUT OF HOLE FOR LOGS
	05:00 - 06:00	1.00	LOG	1	WAIT ON HALLIBURTON
4/12/2012	06:00 - 06:30	0.50	OTH		WAIT ON HALLIBURTON LOGGERS
	06:30 - 11:30	5.00	LOG	1	PJSM, RIG UP LOGGERS AND RUN OPEN HOLE LOGS WITH HALLIBURTON-TRIPLE COMBO
	11:30 - 15:00	3.50	TRP	2	PICK UP BIT AND BIT SUB, TRIP IN HOLE TO 4690. NOTIFIED BLM BY E-MAIL AT 13:30 OF 5.5 RAM PRESSURE TEST, CASING JOB, AND CEMENT JOB
	15:00 - 16:00	1.00	RIG	1	RIG SERVICE
	16:00 - 17:00	1.00	RIG	2	WORK ON TOP DRIVE
	17:00 - 18:00	1.00	CIRC	1	CIRC AND CONDITION MUD
	18:00 - 23:30	5.50	TRP	3	L/D DRILL PIPE AND BHA
	23:30 - 02:30	3.00	BOP	1	CHANGE OUT 4.5' RAMS TO 5.5" RAMS AND TEST SAME TO 5000 PSI
	02:30 - 03:00	0.50	CSG	1	PJSM R/U CASING CREW
	03:00 - 06:00	3.00	CSG	2	RUN 5.5' CASING 15.5 PPF, LT&C, J-55
4/13/2012	06:00 - 08:00	2.00	CSG	2	RUN 5.5" CASING
	08:00 - 08:30	0.50	REAM	1	BREAK CIRCULATION AND WASH 45 FT TO BOTTOM, 15 FT OF FILL
	08:30 - 10:00	1.50	CIRC	1	CIRCULATE AND CONDITION FOR CEMENT-RECIPROCATATE PIPE, FULL RETURNS
	10:00 - 13:30	3.50	CMT	2	PJSM AND CEMENT 5.5 INCH CASING
	13:30 - 17:00	3.50	BOP	1	NIPPLE DOWN AND SET SLIPS WITH 20K OVER STRING WEIGHT- 110,000
	17:00 - 19:30	2.50	LOC	4	CLEAN MUD TANKS AND SET OUT BOP. RIG RELEASED @ 19:30 HRS, 4/12/2012
	19:30 - 06:00	10.50	LOC	4	RIG DOWN AND PREPARE FOR TRUCKS

Operations Summary Report

Well Name: DS 16G-20-10-18
 Location: 20- 10-S 18-E 27
 Rig Name: MARTINEZ WELL SERVICE

Spud Date: 3/21/2012
 Rig Release:
 Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/25/2012	11:00 - 12:00	1.00			FRAC ZONE #1 INT.4650-55' DOWN CSG.WITH 5000 GAL.15% HCL GELLED ACID AND 19900# OF 20/40 SAND AND 6400# OF 16/30 SAND
	12:00 - 13:30	1.50			SET A COMP.FRAC PLUG AT 4600' AND PERF.ZONE #2 INT. 4524-29'
	13:30 - 14:00	0.50			FRAC ZONE #2 INT. 4524-29' DOWN CSG.WITH 800 GAL.OF 15% HCL AND 20100# OF 20/40 SAND AND 4260# OF 16/30 SAND . ALL SAND IN BOTH
	17:00 - 04:30	11.50			STAGES WAS RAN A DELTA 140 2% KCL X-LINKED GEL WATER SYSTEM. FLOW WELL WITH INITIAL SICP=1700#. OPEN ON A 12/64" CHOKE AND FLOW ON VARIOUS CHOKES OVERNIGHT UNTIL WELL DIED AT 4:30AM ON 4/25/12 AFTER RECOVERING EST.655 BBL.OF WATER WITH NO GAS OR OIL. SI THE WELL PENDING COMPLETION RIG.LLR IS EST.AT 778 BBL.
4/28/2012	08:30 - 09:00	0.50	LOC	3	4/28/2012. ROAD RIG TO LOCATION
	09:30 - 10:30	1.00	LOC	4	SPOT IN RIG UP
	10:30 - 11:00	0.50	BOP	1	CHECK SICP=100. ND FRAC VALVE. NU BOPS. RU FLOOR & TBG EQUIPMENT
	11:00 - 13:30	2.50	TRP	5	TALLY & MAKE UP BHA. TALLY & START PICKING UP TBG. RIH W/ 78 JNTS OF 2 7/8" J-55 TBG. EOT @2480'. LAND TBG IN WELL HEAD. SHUT WELL IN
5/7/2012	13:30 - 14:00	0.50	OTH		RD FLOOR. RACK OUT EQUIPMENT. PREP TO RIG DOWN
	14:00 - 15:30	1.50	LOC	4	RIG DOWN CLEAN UP LOCATION
	15:30 - 19:30	4.00	LOC	3	ROAD RIG TO THE RW 43-26B. SPOT RIG IN. SDFW
	19:30 - 21:00	1.50	TRAV	1	CREW TRAVEL
5/7/2012	05:30 - 07:00	1.50	TRAV	1	5/7/2012. CREW TRAVEL
	07:00 - 07:15	0.25	RIG	7	SAFETY MEETING. CHECK PUMP ACTION GOOD
	07:15 - 08:30	1.25	LOC	4	RIG DOWN CLEAN UP LOCATION
	08:30 - 13:30	5.00	LOC	3	ROAD RIG FROM THE RW 24-18B TO LOCATION 72 MILES. SPOT IN. CLEAN UP. SHUT DOWN DO TO HIGH WINDS
5/8/2012	13:30 - 15:00	1.50	TRAV	1	CREW TRAVEL
	05:30 - 07:00	1.50	TRAV	1	5/8/2012. CREW TRAVEL
	07:00 - 07:15	0.25	RIG	7	SAFETY MEETING. CHECK SICP=0, SITP=0
	07:15 - 08:15	1.00	LOC	4	RU RIG & EQUIPMENT
5/8/2012	08:15 - 10:00	1.75	TRP	5	TALLY & PICK UP 69 JNTS TAG KILL PLUG @ 4600'
	10:00 - 11:00	1.00	SEQ	1	RU SWIVEL & RIG PUMP. GET CIRC W/ 5 BBLS
	11:00 - 12:30	1.50	DRL	5	DRILL OUT KILL PLUG IN 15 MINS. RIH W/ 5 JNTS CLEAN OUT TO PBTD @4756'
	12:30 - 13:30	1.00	CIRC	1	ROLL HOLE CLEAN
5/8/2012	13:30 - 14:00	0.50	SEQ	1	RD SWIVEL
	14:00 - 15:30	1.50	TRP	2	POOH W/ 147 JNTS LD BHA
	15:30 - 17:30	2.00	TRP	2	MAKE UP 3" BULL PLUG & GAS ANCHOR, 1 JNT, S-NIPPLE, 3 JNTS, TAC 5 1/2" 143- JNTS OF 2 7/8" TBG.
	17:30 - 19:00	1.50	BOP	1	RD FLOOR. ND BOPS. SET TAC 15th IN TEN. NU WELL HEAD. X-O TO ROD EQUIPMENT. CLEAN UP SWIFN
5/9/2012	19:00 - 21:00	2.00	TRAV	1	CREW TRAVEL
	05:30 - 07:00	1.50	TRAV	1	5/9/2012. CREW TRAVEL
	07:00 - 07:15	0.25	RIG	7	SAFETY MEETING. CHECK SICP=0, SITP=0
	07:15 - 12:00	4.75	TRP	7	PRIME ROD PUMP. PICK UP 14- 1" PLAIN RODS, 94- 3/4" PLAIN RODS, 75- 7/8" PLAIN RODS, 2' X 7/8" PONY, 1 1/2" X 26' POLISH ROD
5/9/2012	12:00 - 14:00	2.00	SEQ	2	RU PUMPING UNIT. HAVE TO FIND PARTS TO HANGE IT OFF WITH. ADJUST TAG 16" OFF. TEST PUMP 4 STROKE TO 800 PSI. GOOD TEST
	14:00 - 15:30	1.50	LOC	4	RIG DOWN. RACK OUT EQUIPMENT. CLEAN UP LOCATION. ROAD RIG TO THE WR 4G-35-10-17